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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 10:33:22 : Search time 150 Seconds
(without alignments)
3.611 Million cell updates/sec

Title: us-10-003-919-3

Perfect score: 5273

Sequence: 1 ctagggcagcgcacccacg.....aattgtccttcttaaaaa 5273

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 2590 seqs, 51364 residues

Total number of hits satisfying chosen parameters: 5180

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 2647 summaries

Database: rmidb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	30.8	0.6	44	1	US-08-222-177A-385
C 2	25.6	0.5	33	1	US-09-232-785-364
C 3	25.6	0.5	36	1	US-09-232-785-365
C 4	24.8	0.5	30	1	US-09-281-481A-4
C 5	24.4	0.5	28	1	US-09-281-481A-2
C 6	23.6	0.4	32	1	US-08-469-802B-28
C 7	23.6	0.4	32	1	US-08-267-803B-46
C 8	23.4	0.4	34	1	US-08-418-123A-15
C 9	23.4	0.4	35	1	US-08-418-123A-14
C 10	23.4	0.4	36	1	US-08-418-123A-13
C 11	22.4	0.4	24	1	US-08-808-474A-8
C 12	22.4	0.4	24	1	US-08-808-474A-9
C 13	22.4	0.4	24	1	US-08-808-474A-10
C 14	22.4	0.4	24	1	US-08-808-474A-11
C 15	22.4	0.4	24	1	US-09-235-614-8
C 16	22.4	0.4	24	1	US-09-235-614-9
C 17	22.4	0.4	24	1	US-09-235-614-10
C 18	22.4	0.4	24	1	US-09-235-614-11
C 19	22.4	0.4	24	1	US-09-487-130-1
C 20	22.4	0.4	24	1	US-09-487-130-2
C 21	22.4	0.4	24	1	US-09-487-130-3
C 22	22.4	0.4	24	1	US-09-487-130-4
C 23	22.4	0.4	24	1	US-09-487-130-5
C 24	22.4	0.4	24	1	US-09-487-130-6
C 25	22.4	0.4	24	1	US-09-232-785-357
C 26	22.4	0.4	33	1	US-08-068-747-7
C 27	22.4	0.4	33	1	US-08-418-123A-16
C 28	20.4	0.4	26	1	US-08-860-038-19
C 29	20.4	0.4	26	1	US-09-580-923-19
C 30	20.4	0.4	30	1	US-08-068-747-2
C 31	20	0.4	30	1	US-09-475-947A-332
C 32	19.8	0.4	25	1	US-09-038-637-120
C 33	19.4	0.4	21	1	US-08-863-639A-34
C 34	19.4	0.4	21	1	US-08-863-639A-43
C 35	19.4	0.4	21	1	US-08-863-639A-46
C 36	19.4	0.4	21	1	US-08-863-639A-78
C 37	19.4	0.4	21	1	US-08-863-639A-81
C 38	19.4	0.4	21	1	US-08-863-639A-90
C 39	19.4	0.4	21	1	US-09-232-785-394
C 40	19.4	0.4	21	1	US-09-232-785-395
C 41	19.2	0.4	24	1	US-08-339-214-60
C 42	19.2	0.4	25	1	US-08-927-165A-10
C 43	18.8	0.4	28	1	US-08-946-138-1
C 44	18.8	0.4	28	1	US-09-225-652-1
C 45	18.6	0.4	25	1	US-09-866-108A-12694
C 46	18.6	0.4	25	1	PCT-US91-03680-156
C 47	18.4	0.3	20	1	US-08-004-552-1
C 48	18.4	0.3	20	1	US-08-863-639A-72
C 49	18.4	0.3	20	1	US-08-863-639A-93
C 50	18.4	0.3	20	1	US-09-081-385-40
C 51	18.4	0.3	27	1	US-08-004-552-2
C 52	18.4	0.3	28	1	US-09-465-589A-7
C 53	18.4	0.3	28	1	US-09-465-589A-8
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C 55	18.2	0.3	25	1	US-08-775-164-3
C 56	18.2	0.3	25	1	US-08-775-609-3
C 57	18.2	0.3	25	1	US-08-775-607-3
C 58	18.2	0.3	25	1	US-09-866-108A-12692
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C 61	17.8	0.3	25	1	US-09-866-108A-4276
C 62	17.8	0.3	25	1	US-09-866-108A-4277
C 63	17.8	0.3	25	1	US-09-866-108A-4278
C 64	17.8	0.3	25	1	US-09-866-108A-4279
C 65	17.8	0.3	25	1	US-09-866-108A-4280
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C 69	17.6	0.3	25	1	US-09-235-832-11
C 70	17.6	0.3	25	1	US-09-866-108A-12695
C 71	17.6	0.3	27	1	US-08-373-146-3
C 72	17.6	0.3	27	1	US-08-859-998-1235
C 73	17.6	0.3	27	1	US-08-679-645-929
C 74	17.6	0.3	27	1	US-09-225-928-1235
C 75	17.4	0.3	27	1	US-09-225-201B-1235
C 76	17.4	0.3	23	1	US-09-254-733-38
C 77	17.4	0.3	25	1	US-09-866-108A-4281
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C 83	17.2	0.3	25	1	US-09-866-108A-12691
C 84	17	0.3	23	1	US-08-585-888-43
C 85	17	0.3	23	1	US-09-195-991-43
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C 88	17	0.3	25	1	US-09-866-108A-12596
C 89	17	0.3	25	1	US-09-866-108A-12697
C 90	17	0.3	25	1	US-09-866-108A-12698
C 91	17	0.3	25	1	US-09-967-653-6
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C 98	16.8	0.3	22	1	US-09-306-998-43
C 99	16.8	0.3	23	1	US-09-086-663A-10
C 100	16.8	0.3	25	1	US-09-475-316A-79
C 101	16.8	0.3	25	1	US-09-704-640-79
C 102	16.8	0.3	25	1	US-09-866-108A-4275
C 103	16.8	0.3	25	1	US-09-866-108A-13093
C 104	16.8	0.3	25	1	US-09-866-108A-13094
C 105	16.8	0.3	25	1	US-09-866-108A-13095
C 106	16.8	0.3	25	1	US-09-866-108A-13096

C 107	16.8	0.3	25	1	US-09-866-108A-13097	Sequence 13097, A	180	16	0.3	24	1	US-09-723-909-19	Sequence 19, Appl
C 108	16.8	0.3	25	1	US-09-866-108A-13098	Sequence 13098, A	181	16	0.3	24	1	PCT-US93-08743-19	Sequence 19, Appl
C 109	16.6	0.3	24	1	US-08-066-325-25	Sequence 25, Appl	C 182	15.8	0.3	19	1	US-09-531-000-40	Sequence 40, Appl
C 110	16.6	0.3	24	1	US-08-426-792-13	Sequence 13, Appl	C 183	15.8	0.3	19	1	US-09-422-978-5847	Sequence 5847, Ap
C 111	16.6	0.3	24	1	US-08-961-871-5	Sequence 5, Appl	C 184	15.8	0.3	20	1	US-07-613-083B-3	Sequence 3, Appl
C 112	16.6	0.3	24	1	US-09-165-042-28	Sequence 28, Appl	C 185	15.8	0.3	20	1	US-08-899-371-9	Sequence 9, Appl
C 113	16.6	0.3	25	1	US-08-974-549A-435	Sequence 435, App	C 186	15.8	0.3	20	1	US-09-120-851-10	Sequence 10, Appl
C 114	16.6	0.3	25	1	US-08-912-951-202	Sequence 202, App	C 187	15.8	0.3	20	1	US-09-030-701-65	Sequence 65, Appl
C 115	16.6	0.3	25	1	US-09-402-181B-435	Sequence 435, App	C 188	15.8	0.3	20	1	US-09-082-644B-57	Sequence 57, Appl
C 116	16.6	0.3	25	1	US-09-721-455-435	Sequence 435, App	C 189	15.8	0.3	20	1	US-09-792-559-80	Sequence 80, Appl
C 117	16.6	0.3	25	1	US-09-866-108A-13559	Sequence 13559, A	C 190	15.8	0.3	20	1	US-09-657-346A-84	Sequence 84, Appl
C 118	16.6	0.3	25	1	US-09-866-108A-13560	Sequence 13560, A	C 191	15.8	0.3	20	1	US-09-705-267A-140	Sequence 140, App
C 119	16.6	0.3	25	1	US-09-866-108A-13561	Sequence 13561, A	C 192	15.8	0.3	20	1	US-09-198-452A-6014	Sequence 6014, Ap
C 120	16.4	0.3	18	1	US-08-885-126-12	Sequence 12, Appl	C 193	15.8	0.3	20	1	US-09-909-559-62	Sequence 62, Appl
C 121	16.4	0.3	18	1	US-08-700-530-3	Sequence 3, Appl	C 194	15.8	0.3	20	1	US-09-081-385-77	Sequence 77, Appl
C 122	16.4	0.3	18	1	US-08-700-530-4	Sequence 4, Appl	C 195	15.8	0.3	21	1	US-07-602-608-23	Sequence 23, Appl
C 123	16.4	0.3	18	1	US-09-232-785-396	Sequence 396, App	C 196	15.8	0.3	21	1	US-08-261-578-23	Sequence 23, Appl
C 124	16.4	0.3	20	1	US-08-223-355-23	Sequence 23, Appl	C 197	15.8	0.3	21	1	US-08-182-175A-44	Sequence 44, App
C 125	16.4	0.3	20	1	US-09-422-978-10860	Sequence 10860, A	C 198	15.8	0.3	21	1	US-08-116-389-3	Sequence 3, Appl
C 126	16.4	0.3	21	1	US-08-472-255A-120	Sequence 120, App	C 199	15.8	0.3	21	1	US-08-708-431-3	Sequence 3, Appl
C 127	16.4	0.3	21	1	US-08-479-724A-130	Sequence 120, App	C 200	15.8	0.3	21	1	US-08-474-633A-46	Sequence 46, Appl
C 128	16.4	0.3	21	1	US-08-472-256B-120	Sequence 120, App	C 201	15.8	0.3	21	1	US-08-912-976-2	Sequence 2, Appl
C 129	16.4	0.3	21	1	US-08-952-793-120	Sequence 120, App	C 202	15.8	0.3	21	1	US-08-880-830-3	Sequence 3, Appl
C 130	16.4	0.3	21	1	US-09-849-928-120	Sequence 120, App	C 203	15.8	0.3	21	1	US-08-823-771-46	Sequence 46, Appl
C 131	16.4	0.3	21	1	PCT-US96-09455A-120	Sequence 120, App	C 204	15.8	0.3	21	1	US-09-060-295-208	Sequence 208, App
C 132	16.4	0.3	24	1	US-09-268-505B-1	Sequence 1, Appl	C 205	15.8	0.3	21	1	US-09-402-922A-208	Sequence 208, App
C 133	16.4	0.3	25	1	US-09-866-108A-4283	Sequence 4283, Ap	C 206	15.8	0.3	21	1	US-09-657-477-1574	Sequence 1574, Ap
C 134	16.2	0.3	21	1	US-08-863-639A-55	Sequence 52, Appl	C 207	15.8	0.3	21	1	PCT-US92-06412-24	Sequence 24, Appl
C 135	16.2	0.3	21	1	US-08-863-639A-55	Sequence 52, Appl	C 208	15.8	0.3	21	1	PCT-US94-13885-3	Sequence 3, Appl
C 136	16.2	0.3	21	1	US-08-863-639A-56	Sequence 55, Appl	C 209	15.8	0.3	21	1	US-08-983-605-232	Sequence 232, App
C 137	16.2	0.3	21	1	US-08-863-639A-67	Sequence 67, Appl	C 210	15.8	0.3	24	1	US-08-116-389-2	Sequence 2, Appl
C 138	16.2	0.3	21	1	US-08-863-639A-68	Sequence 68, Appl	C 211	15.8	0.3	24	1	US-08-708-431-2	Sequence 2, Appl
C 139	16.2	0.3	21	1	US-08-863-639A-71	Sequence 71, Appl	C 212	15.8	0.3	24	1	US-08-912-976-1	Sequence 1, Appl
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C 141	16.2	0.3	21	1	US-09-283-011-30	Sequence 30, Appl	C 214	15.8	0.3	24	1	US-08-880-830-2	Sequence 2, Appl
C 142	16.2	0.3	21	1	US-09-422-978-4331	Sequence 4331, Ap	C 215	15.8	0.3	24	1	US-08-354-328-4	Sequence 4, Appl
C 143	16.2	0.3	21	1	US-09-012-135A-30	Sequence 30, Appl	C 216	15.8	0.3	24	1	US-08-570-151-16	Sequence 16, Appl
C 144	16.2	0.3	21	1	US-09-377-285B-50	Sequence 50, Appl	C 217	15.8	0.3	24	1	US-08-570-151-17	Sequence 17, Appl
C 145	16.2	0.3	22	1	US-08-592-126-24	Sequence 24, Appl	C 218	15.8	0.3	24	1	US-09-157-117-64	Sequence 64, Appl
C 146	16.2	0.3	22	1	US-08-291-011-9	Sequence 9, Appl	C 219	15.8	0.3	24	1	US-09-157-117-90	Sequence 90, Appl
C 147	16.2	0.3	22	1	US-08-687-080-24	Sequence 24, Appl	C 220	15.8	0.3	24	1	US-09-405-556-50	Sequence 50, Appl
C 148	16.2	0.3	22	1	US-09-266-065-9	Sequence 9, Appl	C 221	15.8	0.3	24	1	US-09-541-210-64	Sequence 64, Appl
C 149	16.2	0.3	22	1	US-09-043-149-7	Sequence 7, Appl	C 222	15.8	0.3	24	1	US-09-541-210-90	Sequence 90, Appl
C 150	16.2	0.3	22	1	US-09-168-595-24	Sequence 24, Appl	C 223	15.8	0.3	24	1	PCT-US94-13895-2	Sequence 2, Appl
C 151	16.2	0.3	22	1	US-09-935-247-9	Sequence 9, Appl	C 224	15.8	0.3	24	1	PCT-US93-07068-4	Sequence 4, Appl
C 152	16.2	0.3	23	1	US-08-518-862C-9	Sequence 9, Appl	C 225	15.6	0.3	22	1	US-08-356-287-9	Sequence 9, Appl
C 153	16.2	0.3	23	1	US-09-270-957-50	Sequence 50, Appl	C 226	15.6	0.3	22	1	US-08-457-273B-32	Sequence 32, Appl
C 154	16.2	0.3	24	1	US-08-104-072B-28	Sequence 28, Appl	C 227	15.6	0.3	22	1	US-08-483-511-60	Sequence 60, Appl
C 155	16.2	0.3	24	1	US-09-176-862-15	Sequence 15, Appl	C 228	15.6	0.3	22	1	US-09-972-115A-42	Sequence 42, Appl
C 156	16.2	0.3	24	1	US-09-439-429-15	Sequence 15, Appl	C 229	15.6	0.3	22	1	US-09-477-392-67	Sequence 67, Appl
C 157	16.2	0.3	18	1	US-09-163-162-29	Sequence 29, Appl	C 230	15.6	0.3	22	1	US-09-673-890-91	Sequence 91, Appl
C 158	16	0.3	18	1	US-09-286-407-29	Sequence 29, Appl	C 231	15.6	0.3	23	1	US-09-724-965-20	Sequence 20, Appl
C 159	16	0.3	18	1	US-09-496-694B-38	Sequence 38, Appl	C 232	15.6	0.3	23	1	US-08-859-998-592	Sequence 592, App
C 160	16	0.3	18	1	US-09-496-694B-78	Sequence 78, Appl	C 233	15.6	0.3	23	1	US-09-225-928-582	Sequence 582, App
C 161	16	0.3	18	1	US-09-496-694B-129	Sequence 129, App	C 234	15.6	0.3	23	1	US-09-225-201B-592	Sequence 592, App
C 162	16	0.3	20	1	US-09-489-869-15	Sequence 15, Appl	C 235	15.6	0.3	23	1	US-09-673-890-91	Sequence 91, Appl
C 163	16	0.3	23	1	US-08-585-888-44	Sequence 44, Appl	C 236	15.6	0.3	23	1	US-09-724-965-20	Sequence 20, Appl
C 164	16	0.3	23	1	US-09-195-991-44	Sequence 44, Appl	C 237	15.6	0.3	23	1	US-09-724-965-20	Sequence 20, Appl
C 165	16	0.3	24	1	US-08-538-875-20	Sequence 20, Appl	C 238	15.6	0.3	24	1	US-07-692-995B-42	Sequence 42, Appl
C 166	16	0.3	24	1	US-08-656-716-13	Sequence 13, Appl	C 239	15.6	0.3	24	1	US-08-822-573-6	Sequence 6, Appl
C 167	16	0.3	24	1	US-08-656-716-43	Sequence 43, Appl	C 240	15.6	0.3	24	1	US-08-822-573-8	Sequence 8, Appl
C 168	16	0.3	24	1	US-08-465-590-19	Sequence 19, Appl	C 241	15.6	0.3	24	1	US-08-859-998-59	Sequence 59, Appl
C 169	16	0.3	24	1	US-08-859-998-1024	Sequence 1024, Ap	C 242	15.6	0.3	24	1	US-08-915-498B-16	Sequence 16, Appl
C 170	16	0.3	24	1	US-08-276-968A-29	Sequence 29, Appl	C 243	15.6	0.3	24	1	US-08-937-065-20	Sequence 20, Appl
C 171	16	0.3	24	1	US-08-835-728B-18	Sequence 18, Appl	C 244	15.6	0.3	24	1	US-09-042-353-39	Sequence 39, App
C 172	16	0.3	24	1	US-08-835-728B-123	Sequence 123, Appl	C 245	15.6	0.3	24	1	US-08-758-417A-187	Sequence 187, App
C 173	16	0.3	24	1	US-09-123-951-19	Sequence 19, Appl	C 246	15.6	0.3	24	1	US-09-225-928-59	Sequence 59, Appl
C 174	16	0.3	24	1	US-09-123-951-43	Sequence 43, Appl	C 247	15.6	0.3	24	1	US-09-225-201B-59	Sequence 59, Appl
C 175	16	0.3	24	1	US-08-711-417C-19	Sequence 19, Appl	C 248	15.6	0.3	24	1	US-08-705-477E-124	Sequence 124, App
C 176	16	0.3	24	1	US-09-490-558-19	Sequence 19, Appl	C 249	15.4	0.3	17	1	US-08-292-620A-1676	Sequence 1676, Ap
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C 179	16	0.3	24	1	US-09-225-201B-1024	Sequence 1024, Ap	C 252	15.4	0.3	17	1	US-08-849-021-4	Sequence 4, Appl

253	15.4	0.3	17	1	US-08-849-021-5	Sequence 5, Appl1	C 326	15.2	0.3	20	1	US-09-553-690-34	Sequence 34, Appl1
254	15.4	0.3	17	1	US-08-849-021-6	Sequence 6, Appl1	C 327	15.2	0.3	20	1	US-09-557-346A-110	Sequence 110, Appl
255	15.4	0.3	17	1	US-08-460-890A-8	Sequence 8, Appl1	C 328	15.2	0.3	20	1	US-09-389-283-13	Sequence 13, Appl
256	15.4	0.3	17	1	US-08-157-641C-8	Sequence 8, Appl1	C 329	15.2	0.3	20	1	US-09-422-978-10366	Sequence 10366, A
C 257	15.4	0.3	17	1	US-09-071-845-1676	Sequence 1676, Ap	C 330	15.2	0.3	20	1	US-09-422-978-10608	Sequence 10608, A
C 258	15.4	0.3	17	1	US-09-071-845-1680	Sequence 8, Appl1	C 331	15.2	0.3	20	1	US-09-198-452A-10608	Sequence 2051, Ap
259	15.4	0.3	17	1	US-08-460-971A-8	Sequence 8, Appl1	C 332	15.2	0.3	20	1	US-09-198-452A-2860	Sequence 2860, Ap
260	15.4	0.3	17	1	US-08-462-040-8	Sequence 1345, Ap	C 333	15.2	0.3	20	1	US-09-601-144-30	Sequence 30, Appl
261	15.4	0.3	17	1	US-09-866-108A-1345	Sequence 1345, Ap	C 334	15.2	0.3	20	1	US-09-860-473-33	Sequence 33, Appl
262	15.4	0.3	17	1	US-09-866-108A-1346	Sequence 1346, Ap	C 335	15.2	0.3	20	1	PCT-US95-07111A-27	Sequence 27, Appl
263	15.4	0.3	17	1	US-09-866-108A-1347	Sequence 1347, Ap	C 336	15.2	0.3	20	1	US-08-086-915-8	Sequence 8, Appl1
C 264	15.4	0.3	17	1	US-09-866-108A-1348	Sequence 8, Appl1	C 337	15.2	0.3	21	1	US-08-182-175A-23	Sequence 23, Appl
C 265	15.4	0.3	18	1	US-09-437-076-5	Sequence 5, Appl1	C 338	15.2	0.3	21	1	US-08-211-430-15	Sequence 15, Appl
C 266	15.4	0.3	18	1	US-09-437-076-6	Sequence 6, Appl1	C 339	15.2	0.3	21	1	US-08-474-633A-45	Sequence 45, Appl
C 267	15.4	0.3	19	1	US-08-849-021-75	Sequence 75, Appl1	C 340	15.2	0.3	21	1	US-08-957-156-4	Sequence 4, Appl1
268	15.4	0.3	19	1	US-09-501-192-3	Sequence 3, Appl1	C 341	15.2	0.3	21	1	US-08-689-421-30	Sequence 30, Appl
269	15.4	0.3	20	1	US-07-841-652-28	Sequence 28, Appl1	C 342	15.2	0.3	21	1	US-09-555-912-3	Sequence 3, Appl1
C 270	15.4	0.3	20	1	US-08-478-178A-90	Sequence 90, Appl1	C 343	15.2	0.3	21	1	US-08-485-942A-71	Sequence 71, Appl1
C 271	15.4	0.3	20	1	US-08-488-177-90	Sequence 90, Appl1	C 344	15.2	0.3	21	1	US-08-488-214A-71	Sequence 71, Appl1
C 272	15.4	0.3	20	1	US-08-717-291-8	Sequence 8, Appl1	C 345	15.2	0.3	21	1	US-08-488-208A-71	Sequence 30, Appl1
C 273	15.4	0.3	20	1	US-08-481-072A-90	Sequence 90, Appl1	C 346	15.2	0.3	21	1	US-09-389-528-30	Sequence 30, Appl1
C 274	15.4	0.3	20	1	US-08-664-336-90	Sequence 90, Appl1	C 347	15.2	0.3	21	1	US-09-181-827A-30	Sequence 30, Appl1
C 275	15.4	0.3	20	1	US-08-461-066A-90	Sequence 90, Appl1	C 348	15.2	0.3	21	1	US-08-483-211A-71	Sequence 71, Appl1
C 276	15.4	0.3	20	1	US-08-578-615A-98	Sequence 98, Appl1	C 349	15.2	0.3	21	1	US-08-488-223A-71	Sequence 71, Appl1
C 277	15.4	0.3	20	1	US-08-728-603-8	Sequence 8, Appl1	C 350	15.2	0.3	21	1	US-08-438-431A-71	Sequence 71, Appl1
278	15.4	0.3	20	1	US-09-927-219-104	Sequence 104, App	C 351	15.2	0.3	21	1	US-08-823-771-45	Sequence 45, Appl1
279	15.4	0.3	20	1	US-09-560-594-40	Sequence 40, Appl1	C 352	15.2	0.3	21	1	US-08-488-225A-71	Sequence 71, Appl1
C 280	15.4	0.3	20	1	US-08-829-637A-90	Sequence 90, Appl1	C 353	15.2	0.3	21	1	PCT-US92-06412-23	Sequence 23, Appl1
C 281	15.4	0.3	20	1	US-09-920-672-74	Sequence 74, Appl1	C 354	15.2	0.3	22	1	US-08-643-704A-35	Sequence 35, Appl1
C 282	15.4	0.3	20	1	US-09-622-277-9	Sequence 9, Appl1	C 355	15.2	0.3	22	1	US-09-552-920-9	Sequence 9, Appl1
C 283	15.4	0.3	20	1	US-10-025-139-90	Sequence 9, Appl1	C 356	15.2	0.3	22	1	US-09-523-263A-32	Sequence 32, Appl
C 284	15.4	0.3	20	1	US-09-198-452A-6438	Sequence 6438, Ap	C 357	15.2	0.3	22	1	US-08-983-605-197	Sequence 197, Appl
C 285	15.4	0.3	20	1	PCT-US94-07770-98	Sequence 98, Appl1	C 358	15.2	0.3	22	1	US-09-936-572-18	Sequence 18, Appl
C 286	15.4	0.3	21	1	US-08-477-928A-27	Sequence 27, Appl1	C 359	15.2	0.3	23	1	US-08-173-489C-362	Sequence 362, App
C 287	15.4	0.3	21	1	US-09-422-978-11523	Sequence 11523, A	C 360	15.2	0.3	23	1	US-08-739-069-15	Sequence 15, Appl1
C 288	15.4	0.3	21	1	US-09-526-193A-170	Sequence 170, App	C 361	15.2	0.3	23	1	US-08-578-096A-4	Sequence 4, Appl1
C 289	15.4	0.3	21	1	US-09-526-193A-171	Sequence 171, App	C 362	15.2	0.3	23	1	US-09-440-426A-4	Sequence 4, Appl1
C 290	15.4	0.3	21	1	US-09-828-995B-103	Sequence 103, App	C 363	15.2	0.3	23	1	US-09-313-121-15	Sequence 15, Appl1
C 291	15.4	0.3	21	1	US-09-657-472-894	Sequence 894, App	C 364	15.2	0.3	23	1	US-09-074-357-15	Sequence 15, Appl1
292	15.4	0.3	22	1	PCT-US91-03680-36	Sequence 36, Appl1	C 365	15.2	0.3	23	1	US-09-633-848-15	Sequence 15, Appl1
293	15.4	0.3	23	1	US-08-817-441-1	Sequence 11, Appl1	C 366	15.2	0.3	23	1	US-09-086-663A-5	Sequence 5, Appl1
C 294	15.2	0.3	20	1	US-07-977-284A-111	Sequence 11, App	C 367	15.2	0.3	23	1	US-09-086-663A-8	Sequence 8, Appl1
C 295	15.2	0.3	20	1	US-08-250-856A-27	Sequence 27, Appl1	C 368	15.2	0.3	23	1	US-09-086-663A-9	Sequence 9, Appl1
C 296	15.2	0.3	20	1	US-08-117-952-43	Sequence 43, Appl1	369	15	0.3	16	1	US-08-885-126-7	Sequence 7, Appl1
297	15.2	0.3	20	1	US-08-468-037A-13	Sequence 13, Appl1	C 370	15	0.3	16	1	US-08-885-126-8	Sequence 8, Appl1
298	15.2	0.3	20	1	US-08-471-973A-13	Sequence 13, Appl1	C 371	15	0.3	16	1	US-08-941-445A-28	Sequence 28, Appl1
C 299	15.2	0.3	20	1	US-08-588-521-6	Sequence 6, Appl1	C 372	15	0.3	16	1	US-09-411-862A-21	Sequence 21, Appl1
C 300	15.2	0.3	20	1	US-08-256-426B-111	Sequence 111, App	C 373	15	0.3	16	1	US-09-411-862A-22	Sequence 22, Appl1
C 301	15.2	0.3	20	1	US-08-756-806A-27	Sequence 27, Appl1	C 374	15	0.3	16	1	US-09-411-862A-21	Sequence 21, Appl1
C 302	15.2	0.3	20	1	US-08-465-880-13	Sequence 13, Appl1	C 375	15	0.3	16	1	US-09-479-005A-1	Sequence 1, Appl1
C 303	15.2	0.3	20	1	US-09-130-114-34	Sequence 34, Appl1	C 376	15	0.3	17	1	US-08-885-126-4	Sequence 4, Appl1
304	15.2	0.3	20	1	US-09-035-357-13	Sequence 13, Appl1	C 377	15	0.3	17	1	US-08-885-126-17	Sequence 17, Appl1
305	15.2	0.3	20	1	US-08-914-961-2	Sequence 2, Appl1	C 378	15	0.3	17	1	US-09-866-108A-6403	Sequence 6403, Ap
306	15.2	0.3	20	1	US-08-890-719-16	Sequence 16, Appl1	C 379	15	0.3	17	1	US-09-866-108A-6404	Sequence 6404, Ap
307	15.2	0.3	20	1	US-09-143-214-27	Sequence 27, Appl1	C 380	15	0.3	17	1	US-09-866-108A-6405	Sequence 6405, Ap
C 308	15.2	0.3	20	1	US-09-000-136-13	Sequence 13, Appl1	C 381	15	0.3	17	1	PCT-US93-07603-5	Sequence 5, Appl1
C 309	15.2	0.3	20	1	US-09-344-914-50	Sequence 50, Appl1	C 382	15	0.3	18	1	US-08-657-884-19	Sequence 19, Appl1
C 310	15.2	0.3	20	1	US-09-428-584-18	Sequence 18, Appl1	C 383	15	0.3	18	1	US-09-050-559C-25	Sequence 25, Appl1
C 311	15.2	0.3	20	1	US-09-167-921-11	Sequence 11, Appl1	C 384	15	0.3	18	1	US-09-158-980-19	Sequence 19, Appl1
C 312	15.2	0.3	20	1	US-09-323-743-11	Sequence 11, Appl1	C 385	15	0.3	19	1	US-09-811-492-19	Sequence 19, Appl1
C 313	15.2	0.3	20	1	US-09-313-932-275	Sequence 275, App	C 386	15	0.3	19	1	US-08-849-021-67	Sequence 67, Appl1
C 314	15.2	0.3	20	1	US-09-657-481A-60	Sequence 60, Appl1	C 387	15	0.3	19	1	US-09-422-978-6558	Sequence 6558, Ap
C 315	15.2	0.3	20	1	US-09-593-711A-72	Sequence 72, Appl1	C 388	15	0.3	19	1	US-09-422-978-6558	Sequence 53, Appl1
C 316	15.2	0.3	20	1	US-09-158-863C-65	Sequence 65, Appl1	C 389	15	0.3	20	1	US-09-290-640-53	Sequence 106, App
317	15.2	0.3	20	1	US-09-277-078-58	Sequence 58, Appl1	C 390	15	0.3	20	1	US-09-844-634A-106	Sequence 53, Appl1
318	15.2	0.3	20	1	US-09-082-649B-25	Sequence 25, Appl1	C 391	15	0.3	20	1	US-09-665-615B-53	Sequence 113, App
319	15.2	0.3	20	1	US-09-135-202-13	Sequence 13, Appl1	C 392	15	0.3	21	1	US-09-980-052-113	Sequence 1087, Ap
320	15.2	0.3	20	1	US-09-844-634-45	Sequence 45, Appl1	C 393	15	0.3	22	1	US-09-657-472-11087	Sequence 63, Appl1
321	15.2	0.3	20	1	US-09-506-073-28	Sequence 28, Appl1	C 394	15	0.3	22	1	US-08-849-021-63	Sequence 66, Appl1
322	15.2	0.3	20	1	US-09-742-703-32	Sequence 32, Appl1	C 395	15	0.3	23	1	US-08-849-021-66	Sequence 4, Appl1
323	15.2	0.3	20	1	US-09-702-327-17	Sequence 17, Appl1	C 396	15	0.3	23	1	US-08-353-657-4	Sequence 4, Appl1
C 324	15.2	0.3	20	1	US-09-676-610B-93	Sequence 93, Appl1	C 397	15	0.3	23	1	US-08-709-982-4	Sequence 4, Appl1
325	15.2	0.3	20	1	US-08-802-331-13	Sequence 13, Appl1	C 398	15	0.3	23	1	US-08-982-866-4	Sequence 4, Appl1

C 399	15	0.3	23	1	US-08-448-561-9	Sequence 9, App1	C 472	14.8	0.3	21	1	US-09-657-472-882	Sequence 882, App
C 400	15	0.3	23	1	US-09-048-880-10	Sequence 10, App1	C 473	14.8	0.3	21	1	US-09-657-472-1479	Sequence 1479, Ap
C 401	15	0.3	23	1	US-09-150-900-7	Sequence 7, App1	C 474	14.8	0.3	21	1	US-09-657-472-2066	Sequence 2066, Ap
C 402	15	0.3	23	1	US-09-647-344A-3	Sequence 3, App1	C 475	14.8	0.3	22	1	US-08-202-389-48	Sequence 48, App1
C 403	15	0.3	23	1	US-09-747-391-189	Sequence 189, App	C 476	14.8	0.3	22	1	US-08-223-902-10	Sequence 10, App1
C 404	15	0.3	23	1	US-10-001-052-48	Sequence 48, App1	C 477	14.8	0.3	22	1	US-08-742-755A-40	Sequence 40, App1
C 405	15	0.3	23	1	US-09-792-024-412	Sequence 412, App	C 478	14.8	0.3	22	1	US-08-564-496C-33	Sequence 33, App1
C 406	15	0.3	23	1	PCT-US94-14181-4	Sequence 4, App1	C 479	14.8	0.3	22	1	US-09-339-964-2	Sequence 2, App1
C 407	15	0.3	33	1	US-09-232-785-364	Sequence 364, App	C 480	14.8	0.3	22	1	US-09-226-683-40	Sequence 40, App1
C 408	15	0.3	36	1	US-09-232-785-365	Sequence 365, App	C 481	14.8	0.3	22	1	US-09-035-183-40	Sequence 40, App1
C 409	14.8	0.3	18	1	US-08-758-306-1347	Sequence 1347, Ap	C 482	14.8	0.3	22	1	US-09-177-650-83	Sequence 83, App1
C 410	14.8	0.3	18	1	US-09-357-072-9	Sequence 9, App1	C 483	14.8	0.3	22	1	US-09-531-000-71	Sequence 71, App1
C 411	14.8	0.3	18	1	US-09-143-212-27	Sequence 27, App1	C 484	14.8	0.3	22	1	US-09-506-858-33	Sequence 33, App1
C 412	14.8	0.3	18	1	US-08-912-272-51	Sequence 51, App1	C 485	14.8	0.3	22	1	US-09-322-352A-1	Sequence 1, App1
C 413	14.8	0.3	18	1	US-09-026-039-51	Sequence 51, App1	C 486	14.8	0.3	22	1	US-09-788-038-40	Sequence 40, App1
C 414	14.8	0.3	18	1	US-08-679-645-1167	Sequence 1167, Ap	C 487	14.8	0.3	22	1	PCT-US95-15448-33	Sequence 33, App1
C 415	14.8	0.3	18	1	US-09-422-978-4810	Sequence 4810, Ap	C 488	14.6	0.3	20	1	US-08-979-672-1	Sequence 1, App1
C 416	14.8	0.3	18	1	US-09-422-978-5786	Sequence 5786, Ap	C 489	14.6	0.3	21	1	US-07-988-194A-24	Sequence 24, App1
C 417	14.8	0.3	18	1	US-09-422-978-10970	Sequence 10970, A	C 490	14.6	0.3	21	1	US-08-050-073-315	Sequence 315, App
C 418	14.8	0.3	18	1	US-09-356-806-126	Sequence 126, App	C 491	14.6	0.3	21	1	US-08-136-118-2	Sequence 2, App1
C 419	14.8	0.3	18	1	US-09-356-806-142	Sequence 142, App	C 492	14.6	0.3	21	1	US-08-178-660-7	Sequence 7, App1
C 420	14.8	0.3	18	1	US-09-500-700-68	Sequence 68, App1	C 493	14.6	0.3	21	1	US-08-258-152-26	Sequence 26, App1
C 421	14.8	0.3	19	1	US-09-338-907-538	Sequence 538, App	C 494	14.6	0.3	21	1	US-08-451-777A-22	Sequence 22, App1
C 422	14.8	0.3	19	1	US-09-218-207-538	Sequence 538, App	C 495	14.6	0.3	21	1	US-08-451-778A-22	Sequence 22, App1
C 423	14.8	0.3	19	1	US-09-422-978-7139	Sequence 7139, Ap	C 496	14.6	0.3	21	1	US-08-076-298A-26	Sequence 26, App1
C 424	14.8	0.3	19	1	US-09-422-978-7300	Sequence 7300, Ap	C 497	14.6	0.3	21	1	US-08-770-379-6	Sequence 6, App1
C 425	14.8	0.3	19	1	US-09-544-398B-253	Sequence 253, App	C 498	14.6	0.3	21	1	US-08-748-640-6	Sequence 6, App1
C 426	14.8	0.3	19	1	US-09-696-791-1985	Sequence 1985, Ap	C 499	14.6	0.3	21	1	US-08-438-588-26	Sequence 26, App1
C 427	14.8	0.3	19	1	US-09-696-791-3837	Sequence 3837, Ap	C 500	14.6	0.3	21	1	US-08-998-208-22	Sequence 22, App1
C 428	14.8	0.3	19	1	US-09-696-791-3839	Sequence 3839, Ap	C 501	14.6	0.3	21	1	US-09-213-767-3	Sequence 3, App1
C 429	14.8	0.3	20	1	US-08-167-113-16	Sequence 16, App1	C 502	14.6	0.3	21	1	US-08-747-558A-18	Sequence 18, App1
C 430	14.8	0.3	20	1	US-08-532-050-6	Sequence 6, App1	C 503	14.6	0.3	21	1	US-08-863-639A-33	Sequence 33, App1
C 431	14.8	0.3	20	1	US-08-886-161-16	Sequence 16, App1	C 504	14.6	0.3	21	1	US-08-863-639A-61	Sequence 61, App1
C 432	14.8	0.3	20	1	US-09-120-853-9	Sequence 9, App1	C 505	14.6	0.3	21	1	US-08-863-639A-91	Sequence 91, App1
C 433	14.8	0.3	20	1	US-09-089-195-18	Sequence 18, App1	C 506	14.6	0.3	21	1	US-08-691-563C-54	Sequence 54, App1
C 434	14.8	0.3	20	1	US-09-418-641-31	Sequence 31, App1	C 507	14.6	0.3	21	1	US-09-141-047-1	Sequence 1, App1
C 435	14.8	0.3	20	1	US-09-444-053-44	Sequence 44, App1	C 508	14.6	0.3	21	1	US-09-069-811-5	Sequence 5, App1
C 436	14.8	0.3	20	1	US-09-513-729B-15	Sequence 15, App1	C 509	14.6	0.3	21	1	US-09-069-811-19	Sequence 19, App1
C 437	14.8	0.3	20	1	US-09-435-296-22	Sequence 22, App1	C 510	14.6	0.3	21	1	US-08-894-511-19	Sequence 19, App1
C 438	14.8	0.3	20	1	US-09-490-692-101	Sequence 101, App	C 511	14.6	0.3	21	1	US-08-757-669A-6	Sequence 6, App1
C 439	14.8	0.3	20	1	US-09-488-671-40	Sequence 40, App1	C 512	14.6	0.3	21	1	US-08-927-218-19	Sequence 19, App1
C 440	14.8	0.3	20	1	US-09-560-594-35	Sequence 35, App1	C 513	14.6	0.3	21	1	US-09-266-596-26	Sequence 26, App1
C 441	14.8	0.3	20	1	US-09-194-478-7	Sequence 7, App1	C 514	14.6	0.3	21	1	US-08-943-731-617	Sequence 617, App
C 442	14.8	0.3	20	1	US-09-194-478-8	Sequence 8, App1	C 515	14.6	0.3	21	1	US-08-943-731-619	Sequence 619, App
C 443	14.8	0.3	20	1	US-09-488-744A-86	Sequence 86, App1	C 516	14.6	0.3	21	1	US-09-543-106-5	Sequence 5, App1
C 444	14.8	0.3	20	1	US-09-488-617-69	Sequence 69, App1	C 517	14.6	0.3	21	1	US-09-316-083-17	Sequence 17, App1
C 445	14.8	0.3	20	1	US-09-629-645A-51	Sequence 51, App1	C 518	14.6	0.3	21	1	US-08-479-737-24	Sequence 24, App1
C 446	14.8	0.3	20	1	US-09-328-750A-8	Sequence 8, App1	C 519	14.6	0.3	21	1	US-09-580-923-26	Sequence 26, App1
C 447	14.8	0.3	20	1	US-09-198-452A-1870	Sequence 1870, Ap	C 520	14.6	0.3	21	1	US-09-580-923-36	Sequence 36, App1
C 448	14.8	0.3	20	1	US-09-198-452A-2493	Sequence 2493, Ap	C 521	14.6	0.3	21	1	US-09-230-371A-6	Sequence 6, App1
C 449	14.8	0.3	20	1	US-09-198-452A-6050	Sequence 6050, Ap	C 522	14.6	0.3	21	1	US-09-105-058C-16	Sequence 16, App1
C 450	14.8	0.3	20	1	US-09-679-299A-35	Sequence 35, App1	C 523	14.6	0.3	21	1	US-08-475-442A-24	Sequence 24, App1
C 451	14.8	0.3	20	1	US-09-710-794-16	Sequence 16, App1	C 524	14.6	0.3	21	1	US-09-655-728-19	Sequence 19, App1
C 452	14.8	0.3	20	1	US-09-909-595-63	Sequence 63, App1	C 525	14.6	0.3	21	1	US-09-944-411-26	Sequence 26, App1
C 453	14.8	0.3	20	1	US-10-027-983-28	Sequence 28, App1	C 526	14.6	0.3	21	1	US-09-933-700-17	Sequence 17, App1
C 454	14.8	0.3	20	1	US-09-920-868A-14	Sequence 14, App1	C 527	14.6	0.3	21	1	US-09-422-978-3362	Sequence 3362, Ap
C 455	14.8	0.3	20	1	US-08-983-605-91	Sequence 91, App1	C 528	14.6	0.3	21	1	US-09-422-978-88477	Sequence 8477, Ap
C 456	14.8	0.3	21	1	US-08-303-009-8	Sequence 8, App1	C 529	14.6	0.3	21	1	US-09-422-978-10799	Sequence 10799, A
C 457	14.8	0.3	21	1	US-08-242-098-9	Sequence 9, App1	C 530	14.6	0.3	21	1	US-09-374-766-54	Sequence 54, App1
C 458	14.8	0.3	21	1	US-08-255-892-51	Sequence 51, App1	C 531	14.6	0.3	21	1	US-08-979-847B-50	Sequence 50, App1
C 459	14.8	0.3	21	1	US-08-588-821-46	Sequence 46, App1	C 532	14.6	0.3	21	1	US-09-596-248D-14	Sequence 14, App1
C 460	14.8	0.3	21	1	US-08-915-214-44	Sequence 46, App1	C 533	14.6	0.3	21	1	US-09-733-685-19	Sequence 19, App1
C 461	14.8	0.3	21	1	US-08-680-326-143	Sequence 143, App	C 534	14.6	0.3	21	1	US-09-657-472-886	Sequence 826, App
C 462	14.8	0.3	21	1	US-09-005-532-46	Sequence 46, App1	C 535	14.6	0.3	21	1	US-09-657-472-887	Sequence 828, App
C 463	14.8	0.3	21	1	US-08-691-123-8	Sequence 8, App1	C 536	14.6	0.3	21	1	US-09-657-472-2440	Sequence 2440, Ap
C 464	14.8	0.3	21	1	US-09-107-075-8	Sequence 8, App1	C 537	14.6	0.3	21	1	US-09-153-838-2	Sequence 2, App1
C 465	14.8	0.3	21	1	US-08-866-544-1	Sequence 1, App1	C 538	14.6	0.3	21	1	US-09-898-659-9	Sequence 9, App1
C 466	14.8	0.3	21	1	US-09-422-978-8118	Sequence 8118, Ap	C 539	14.6	0.3	21	1	US-10-195-781B-10	Sequence 10, App1
C 467	14.8	0.3	21	1	US-09-422-978-8648	Sequence 8648, Ap	C 540	14.6	0.3	21	1	PCT-US95-00163-7	Sequence 7, App1
C 468	14.8	0.3	21	1	US-09-422-978-9365	Sequence 9365, Ap	C 541	14.6	0.3	21	1	PCT-US95-06773-32	Sequence 32, App1
C 469	14.8	0.3	21	1	US-09-422-978-11206	Sequence 11206, A	C 542	14.6	0.3	22	1	US-08-178-660-6	Sequence 6, App1
C 470	14.8	0.3	21	1	US-09-760-139-14	Sequence 14, App1	C 543	14.6	0.3	22	1	US-08-524-757-36	Sequence 36, App1
C 471	14.8	0.3	21	1	US-09-747-391-138	Sequence 138, App	C 544	14.6	0.3	22	1	US-08-755-587-84	Sequence 84, App1

C 545	14.6	0.3	22	1	US-08-526-136-33	Sequence 33, Appl1	C 618	14.4	0.3	20	1	US-09-954-560-39	Sequence 39, Appl1
546	14.6	0.3	22	1	US-08-718-425-3	Sequence 3, Appl1	C 619	14.4	0.3	20	1	US-09-422-978-9824	Sequence 9824, Ap
547	14.6	0.3	22	1	US-08-875-277A-5	Sequence 5, Appl1	C 620	14.4	0.3	20	1	US-09-705-2678-176	Sequence 176, Ap
548	14.6	0.3	22	1	US-09-068-880-3	Sequence 3, Appl1	C 621	14.4	0.3	20	1	US-09-198-452A-4351	Sequence 4351, Ap
549	14.6	0.3	22	1	US-09-240-918-10	Sequence 10, Appl1	C 622	14.4	0.3	20	1	US-09-144-428-41	Sequence 41, Appl1
550	14.6	0.3	22	1	US-09-097-231-21	Sequence 21, Appl1	C 623	14.4	0.3	20	1	US-09-402-618B-8	Sequence 8, Appl1
551	14.6	0.3	22	1	US-09-433-322B-3	Sequence 3, Appl1	C 624	14.4	0.3	20	1	US-09-825-574-8	Sequence 8, Appl1
552	14.6	0.3	22	1	US-08-564-989-17	Sequence 17, Appl1	C 625	14.4	0.3	20	1	US-09-672-768-8	Sequence 8, Appl1
553	14.6	0.3	22	1	US-08-564-989-17	Sequence 17, Appl1	C 626	14.4	0.3	20	1	US-09-991-099B-2	Sequence 2, Appl1
C 554	14.6	0.3	22	1	US-09-487-792-50	Sequence 50, Appl1	C 627	14.4	0.3	21	1	US-08-356-405-6	Sequence 6, Appl1
C 555	14.6	0.3	22	1	US-09-908-594-50	Sequence 50, Appl1	C 628	14.4	0.3	21	1	US-08-479-614-23	Sequence 23, Appl1
C 556	14.6	0.3	22	1	US-09-658-077-4	Sequence 4, Appl1	C 629	14.4	0.3	21	1	US-08-656-906-8	Sequence 8, Appl1
C 557	14.6	0.3	22	1	US-09-930-218-14	Sequence 14, Appl1	C 630	14.4	0.3	21	1	US-09-217-847-8	Sequence 8, Appl1
C 558	14.6	0.3	22	1	US-09-332-522B-82	Sequence 82, Appl1	C 631	14.4	0.3	21	1	US-09-563-269-24	Sequence 24, Appl1
559	14.6	0.3	22	1	PCT-US95-00163-6	Sequence 6, Appl1	C 632	14.4	0.3	21	1	US-09-657-472-768	Sequence 768, Ap
560	14.4	0.3	16	1	US-08-459-434-6	Sequence 6, Appl1	C 633	14.4	0.3	21	1	US-09-657-472-1028	Sequence 1028, Ap
C 561	14.4	0.3	17	1	US-08-435-350-39	Sequence 39, Appl1	C 634	14.4	0.3	21	1	US-09-657-472-1547	Sequence 1547, Ap
C 562	14.4	0.3	17	1	US-08-441-370-3	Sequence 3, Appl1	C 635	14.4	0.3	21	1	US-09-657-472-1606	Sequence 1606, Ap
C 563	14.4	0.3	17	1	US-08-460-890A-7	Sequence 7, Appl1	C 636	14.4	0.3	21	1	PCT-US91-03680-37	Sequence 37, Appl1
C 564	14.4	0.3	17	1	US-08-460-890A-9	Sequence 9, Appl1	C 637	14.4	0.3	21	1	PCT-US91-03680-38	Sequence 38, Appl1
C 565	14.4	0.3	17	1	US-08-167-641C-7	Sequence 7, Appl1	C 638	14.4	0.3	21	1	PCT-US91-03680-39	Sequence 39, Appl1
C 566	14.4	0.3	17	1	US-08-167-641C-9	Sequence 9, Appl1	C 639	14.4	0.3	22	1	US-08-117-952-389	Sequence 389, Appl1
C 567	14.4	0.3	17	1	US-08-460-971A-9	Sequence 9, Appl1	C 640	14.4	0.3	22	1	US-08-332-562A-43	Sequence 43, Appl1
C 568	14.4	0.3	17	1	US-08-460-971A-9	Sequence 9, Appl1	C 641	14.4	0.3	22	1	US-08-332-562A-44	Sequence 44, Appl1
C 569	14.4	0.3	17	1	US-08-462-040-7	Sequence 7, Appl1	C 642	14.4	0.3	22	1	US-08-469-260A-708	Sequence 708, Ap
C 570	14.4	0.3	17	1	US-08-462-040-9	Sequence 9, Appl1	C 643	14.4	0.3	22	1	US-08-488-446-708	Sequence 708, Ap
571	14.4	0.3	17	1	US-08-881-450A-5	Sequence 5, Appl1	C 644	14.4	0.3	22	1	US-08-467-344A-708	Sequence 708, Ap
572	14.4	0.3	17	1	US-09-343-698-2	Sequence 2, Appl1	C 645	14.4	0.3	22	1	US-09-418-710-20	Sequence 20, Appl1
573	14.4	0.3	17	1	US-08-325-955-2	Sequence 2, Appl1	C 646	14.4	0.3	22	1	US-08-424-550B-708	Sequence 708, Ap
574	14.4	0.3	17	1	US-09-866-108A-1344	Sequence 1344, Ap	C 647	14.4	0.3	22	1	US-09-839-479-20	Sequence 20, Appl1
575	14.4	0.3	17	1	US-09-866-108A-1348	Sequence 1348, Ap	C 648	14.4	0.3	25	1	PCT-US91-03680-156	Sequence 156, Ap
C 576	14.4	0.3	17	1	US-09-866-108A-6703	Sequence 6703, Ap	C 649	14.4	0.3	27	1	US-08-004-552-2	Sequence 2, Appl1
C 577	14.4	0.3	17	1	US-09-866-108A-6704	Sequence 6704, Ap	C 650	14.2	0.3	19	1	US-07-988-430-95	Sequence 95, Appl1
578	14.4	0.3	17	1	US-09-866-108A-7085	Sequence 7085, Ap	C 651	14.2	0.3	19	1	US-08-050-743-46	Sequence 46, Appl1
579	14.4	0.3	17	1	US-09-866-108A-7086	Sequence 7086, Ap	C 652	14.2	0.3	19	1	US-08-127-954-19	Sequence 19, Appl1
C 580	14.4	0.3	17	1	US-09-866-108A-8197	Sequence 8197, Ap	C 653	14.2	0.3	19	1	US-08-474-542A-200	Sequence 200, Ap
C 581	14.4	0.3	17	1	US-09-866-108A-8199	Sequence 8199, Ap	C 654	14.2	0.3	19	1	US-08-425-336-92	Sequence 92, Appl1
C 582	14.4	0.3	17	1	US-09-866-108A-8201	Sequence 8201, Ap	C 655	14.2	0.3	19	1	US-08-425-336-95	Sequence 95, Appl1
C 583	14.4	0.3	17	1	US-09-866-108A-8202	Sequence 8202, Ap	C 656	14.2	0.3	19	1	US-08-457-648-200	Sequence 200, Ap
584	14.4	0.3	18	1	US-07-767-135-16	Sequence 16, Appl1	C 657	14.2	0.3	19	1	US-07-999-071-6	Sequence 6, Appl1
C 585	14.4	0.3	18	1	US-07-999-280A-8	Sequence 8, Appl1	C 658	14.2	0.3	19	1	US-08-469-122-6	Sequence 6, Appl1
C 586	14.4	0.3	18	1	US-08-426-036-8	Sequence 8, Appl1	C 659	14.2	0.3	19	1	US-08-465-783-6	Sequence 6, Appl1
C 587	14.4	0.3	18	1	US-07-976-103A-10	Sequence 10, Appl1	C 660	14.2	0.3	19	1	US-08-452-020-6	Sequence 6, Appl1
C 588	14.4	0.3	18	1	US-08-426-279-8	Sequence 8, Appl1	C 661	14.2	0.3	19	1	US-08-469-120-6	Sequence 6, Appl1
C 589	14.4	0.3	18	1	US-08-401-013-8	Sequence 8, Appl1	C 662	14.2	0.3	19	1	US-08-488-118B-92	Sequence 92, Appl1
C 590	14.4	0.3	18	1	US-08-473-481-10	Sequence 10, Appl1	C 663	14.2	0.3	19	1	US-08-477-488B-92	Sequence 92, Appl1
C 591	14.4	0.3	18	1	US-09-339-964-15	Sequence 15, Appl1	C 664	14.2	0.3	19	1	US-08-472-788A-66	Sequence 66, Appl1
C 592	14.4	0.3	18	1	US-08-426-570-8	Sequence 8, Appl1	C 665	14.2	0.3	19	1	US-08-646-360-92	Sequence 92, Appl1
C 593	14.4	0.3	18	1	US-08-425-876-8	Sequence 8, Appl1	C 666	14.2	0.3	19	1	US-08-082-842A-66	Sequence 66, Appl1
C 594	14.4	0.3	18	1	US-08-426-243-8	Sequence 8, Appl1	C 667	14.2	0.3	19	1	US-08-677-73A-3	Sequence 3, Appl1
C 595	14.4	0.3	18	1	US-08-401-632-8	Sequence 8, Appl1	C 668	14.2	0.3	19	1	US-09-048-880-8	Sequence 8, Appl1
C 596	14.4	0.3	18	1	US-08-338-352-11	Sequence 11, Appl1	C 669	14.2	0.3	19	1	US-08-883-698-9	Sequence 9, Appl1
C 597	14.4	0.3	18	1	US-08-599-738A-10	Sequence 10, Appl1	C 670	14.2	0.3	19	1	US-08-883-698-9	Sequence 9, Appl1
C 598	14.4	0.3	18	1	US-09-422-978-4491	Sequence 4491, Ap	C 671	14.2	0.3	19	1	US-08-839-765-92	Sequence 92, Appl1
C 599	14.4	0.3	18	1	US-09-422-978-6225	Sequence 6225, Ap	C 672	14.2	0.3	19	1	US-09-136-388-92	Sequence 92, Appl1
C 600	14.4	0.3	18	1	US-10-294-203-10	Sequence 10, Appl1	C 673	14.2	0.3	19	1	US-09-102-491-5	Sequence 5, Appl1
601	14.4	0.3	19	1	US-08-117-952-264	Sequence 264, Appl1	C 674	14.2	0.3	19	1	US-09-300-697-16	Sequence 16, Appl1
C 602	14.4	0.3	19	1	US-09-026-033-11	Sequence 11, Appl1	C 675	14.2	0.3	19	1	US-09-338-907-435	Sequence 435, Ap
C 603	14.4	0.3	19	1	US-09-696-791-3460	Sequence 3460, Ap	C 676	14.2	0.3	19	1	US-09-218-207-435	Sequence 435, Ap
C 604	14.4	0.3	20	1	US-08-578-649-12	Sequence 12, Appl1	C 677	14.2	0.3	19	1	US-09-610-838-92	Sequence 92, Appl1
C 605	14.4	0.3	20	1	US-08-850-993-6	Sequence 6, Appl1	C 678	14.2	0.3	19	1	US-09-097-053-3	Sequence 3, Appl1
606	14.4	0.3	20	1	US-09-418-641-48	Sequence 48, Appl1	C 679	14.2	0.3	19	1	US-09-422-978-7014	Sequence 7014, Ap
607	14.4	0.3	20	1	US-09-034-205-8	Sequence 8, Appl1	C 680	14.2	0.3	19	1	US-09-422-978-8508	Sequence 8508, Ap
608	14.4	0.3	20	1	US-08-934-097A-8	Sequence 8, Appl1	C 681	14.2	0.3	19	1	US-09-711-485-92	Sequence 92, Appl1
609	14.4	0.3	20	1	US-08-851-588-8	Sequence 8, Appl1	C 682	14.2	0.3	19	1	US-09-672-711-150	Sequence 150, Ap
610	14.4	0.3	20	1	US-09-677-218B-8	Sequence 8, Appl1	C 683	14.2	0.3	19	1	US-09-672-711-215	Sequence 215, Ap
611	14.4	0.3	20	1	US-09-677-192-8	Sequence 8, Appl1	C 684	14.2	0.3	19	1	US-09-698-295-5	Sequence 5, Appl1
612	14.4	0.3	20	1	US-09-702-251-51	Sequence 51, Appl1	C 685	14.2	0.3	19	1	US-09-544-398B-502	Sequence 502, Ap
C 613	14.4	0.3	20	1	US-09-689-255C-37	Sequence 37, Appl1	C 686	14.2	0.3	19	1	US-09-696-791-2170	Sequence 2170, Ap
C 614	14.4	0.3	20	1	US-09-689-255C-44	Sequence 44, Appl1	C 687	14.2	0.3	19	1	US-09-696-791-2790	Sequence 2790, Ap
C 615	14.4	0.3	20	1	US-09-702-327-36	Sequence 36, Appl1	C 688	14.2	0.3	19	1	US-09-696-791-3761	Sequence 3761, Ap
C 616	14.4	0.3	20	1	US-09-470-443-73	Sequence 73, Appl1	C 689	14.2	0.3	19	1	US-09-696-791-3836	Sequence 3836, Ap
617	14.4	0.3	20	1	US-09-746-694-12	Sequence 12, Appl1	C 690	14.2	0.3	19	1	US-09-696-791-3838	Sequence 3838, Ap

C 691	14.2	0.3	19	1	US-09-601-326-53	Sequence 53, Appl	C 764	14.2	0.3	20	1	US-09-326-186B-33	Sequence 33, Appl
C 692	14.2	0.3	19	1	PCT-US92-09487-95	Sequence 95, Appl	C 765	14.2	0.3	20	1	US-09-572-423B-21	Sequence 21, Appl
C 693	14.2	0.3	20	1	US-07-696-793A-37	Sequence 34, Appl	C 766	14.2	0.3	20	1	US-08-829-637A-17	Sequence 37, Appl
C 694	14.2	0.3	20	1	US-07-977-694-34	Sequence 34, Appl	C 767	14.2	0.3	20	1	US-09-378-842-14	Sequence 14, Appl
C 695	14.2	0.3	20	1	US-08-009-263C-16	Sequence 16, Appl	C 768	14.2	0.3	20	1	US-09-248-386-20	Sequence 20, Appl
C 696	14.2	0.3	20	1	US-08-009-263C-81	Sequence 81, Appl	C 769	14.2	0.3	20	1	US-09-659-791A-64	Sequence 64, Appl
C 697	14.2	0.3	20	1	US-08-369-043-5	Sequence 5, Appl1	C 770	14.2	0.3	20	1	US-09-383-316-12	Sequence 12, Appl
C 698	14.2	0.3	20	1	US-08-222-177A-254	Sequence 254, App	C 771	14.2	0.3	20	1	US-09-851-520-25	Sequence 25, Appl
C 699	14.2	0.3	20	1	US-07-927-506-16	Sequence 8, Appl1	C 772	14.2	0.3	20	1	US-09-844-634-102	Sequence 102, App
C 700	14.2	0.3	20	1	US-08-178-660-8	Sequence 14, Appl	C 773	14.2	0.3	20	1	US-09-851-896-22	Sequence 22, Appl
C 701	14.2	0.3	20	1	US-08-290-936-14	Sequence 14, Appl	C 774	14.2	0.3	20	1	US-09-254-465A-16	Sequence 16, Appl
C 702	14.2	0.3	20	1	US-08-487-141B-74	Sequence 74, Appl	C 775	14.2	0.3	20	1	US-09-724-428-28	Sequence 28, Appl
C 703	14.2	0.3	20	1	US-08-487-141B-75	Sequence 75, Appl	C 776	14.2	0.3	20	1	US-09-009-816-16	Sequence 16, Appl
C 704	14.2	0.3	20	1	US-08-089-996-37	Sequence 37, Appl	C 777	14.2	0.3	20	1	US-09-434-408-20	Sequence 20, Appl
C 705	14.2	0.3	20	1	US-08-727-003A-1	Sequence 1, Appl1	C 778	14.2	0.3	20	1	US-09-705-299-64	Sequence 64, Appl
C 706	14.2	0.3	20	1	US-08-465-485A-28	Sequence 28, Appl	C 779	14.2	0.3	20	1	US-09-780-175-50	Sequence 50, Appl
C 707	14.2	0.3	20	1	US-08-651-692-13	Sequence 13, Appl	C 780	14.2	0.3	20	1	US-09-791-211-33	Sequence 33, Appl
C 708	14.2	0.3	20	1	US-08-813-508-3	Sequence 3, Appl1	C 781	14.2	0.3	20	1	US-09-506-855-9	Sequence 9, Appl1
C 709	14.2	0.3	20	1	US-08-406-057-13	Sequence 13, Appl	C 782	14.2	0.3	20	1	US-09-517-467B-178	Sequence 178, App
C 710	14.2	0.3	20	1	US-08-889-296A-20	Sequence 20, Appl	C 783	14.2	0.3	20	1	US-09-920-672-25	Sequence 25, Appl
C 711	14.2	0.3	20	1	US-08-623-906A-39	Sequence 39, Appl	C 784	14.2	0.3	20	1	US-09-920-672-26	Sequence 26, Appl
C 712	14.2	0.3	20	1	US-08-927-561-74	Sequence 74, Appl	C 785	14.2	0.3	20	1	US-09-920-672-39	Sequence 39, Appl
C 713	14.2	0.3	20	1	US-08-927-561-75	Sequence 75, Appl	C 786	14.2	0.3	20	1	US-09-920-672-89	Sequence 89, Appl
C 714	14.2	0.3	20	1	US-08-473-020A-13	Sequence 13, Appl	C 787	14.2	0.3	20	1	US-09-657-453A-34	Sequence 34, Appl
C 715	14.2	0.3	20	1	US-08-875-154-22	Sequence 22, Appl	C 788	14.2	0.3	20	1	US-09-531-009-20	Sequence 20, Appl
C 716	14.2	0.3	20	1	US-08-478-178A-37	Sequence 37, Appl	C 789	14.2	0.3	20	1	US-09-254-322-37	Sequence 37, Appl
C 717	14.2	0.3	20	1	US-08-488-177-37	Sequence 37, Appl	C 790	14.2	0.3	20	1	US-09-861-159-20	Sequence 20, Appl
C 718	14.2	0.3	20	1	US-08-481-072A-37	Sequence 37, Appl	C 791	14.2	0.3	20	1	US-09-733-294A-31	Sequence 31, Appl
C 719	14.2	0.3	20	1	US-08-664-336-37	Sequence 37, Appl	C 792	14.2	0.3	20	1	US-09-733-294A-39	Sequence 39, Appl
C 720	14.2	0.3	20	1	US-08-910-367-2	Sequence 2, Appl1	C 793	14.2	0.3	20	1	US-09-898-361-128	Sequence 128, App
C 721	14.2	0.3	20	1	US-08-481-066A-37	Sequence 37, Appl	C 794	14.2	0.3	20	1	US-09-641-655-11	Sequence 11, Appl
C 722	14.2	0.3	20	1	US-08-848-840A-20	Sequence 20, Appl	C 795	14.2	0.3	20	1	US-09-911-176B-9	Sequence 9, Appl1
C 723	14.2	0.3	20	1	US-08-469-461-10	Sequence 10, Appl	C 796	14.2	0.3	20	1	US-09-422-978-5639	Sequence 5639, Ap
C 724	14.2	0.3	20	1	US-07-890-609-10	Sequence 10, Appl	C 797	14.2	0.3	20	1	US-09-422-978-7908	Sequence 7908, Ap
C 725	14.2	0.3	20	1	US-08-878-738-2	Sequence 2, Appl1	C 798	14.2	0.3	20	1	US-09-422-978-8384	Sequence 8384, Ap
C 726	14.2	0.3	20	1	US-08-487-799-2	Sequence 2, Appl1	C 799	14.2	0.3	20	1	US-09-422-978-10419	Sequence 10419, A
C 727	14.2	0.3	20	1	US-08-578-615A-37	Sequence 37, Appl	C 800	14.2	0.3	20	1	US-10-025-139-37	Sequence 21, Appl
C 728	14.2	0.3	20	1	US-09-366-257-32	Sequence 32, Appl	C 801	14.2	0.3	20	1	US-08-894-454-21	Sequence 9, Appl1
C 729	14.2	0.3	20	1	US-09-080-285-28	Sequence 28, Appl	C 802	14.2	0.3	20	1	US-09-619-740-9	Sequence 9, Appl1
C 730	14.2	0.3	20	1	US-09-133-934-5	Sequence 5, Appl1	C 803	14.2	0.3	20	1	US-09-705-267A-62	Sequence 62, App
C 731	14.2	0.3	20	1	US-08-777-266A-33	Sequence 33, Appl	C 804	14.2	0.3	20	1	US-09-198-452A-167	Sequence 167, App
C 732	14.2	0.3	20	1	US-09-166-186-51	Sequence 51, Appl	C 805	14.2	0.3	20	1	US-09-198-452A-1329	Sequence 1329, Ap
C 733	14.2	0.3	20	1	US-09-166-186-195	Sequence 195, Appl	C 806	14.2	0.3	20	1	US-09-198-452A-1354	Sequence 1354, Ap
C 734	14.2	0.3	20	1	US-08-961-469A-28	Sequence 28, Appl	C 807	14.2	0.3	20	1	US-09-198-452A-13148	Sequence 3148, Ap
C 735	14.2	0.3	20	1	US-09-089-195-17	Sequence 17, Appl	C 808	14.2	0.3	20	1	US-09-198-452A-6014	Sequence 4014, Ap
C 736	14.2	0.3	20	1	US-09-344-914-49	Sequence 49, Appl	C 809	14.2	0.3	20	1	US-09-198-452A-6048	Sequence 6048, Ap
C 737	14.2	0.3	20	1	US-09-344-914-51	Sequence 51, Appl	C 810	14.2	0.3	20	1	US-09-198-452A-6018	Sequence 6018, Ap
C 738	14.2	0.3	20	1	US-09-344-914-52	Sequence 52, Appl	C 811	14.2	0.3	20	1	US-09-198-452A-6232	Sequence 6232, Ap
C 739	14.2	0.3	20	1	US-09-344-914-53	Sequence 53, Appl	C 812	14.2	0.3	20	1	US-09-198-452A-6317	Sequence 6317, Ap
C 740	14.2	0.3	20	1	US-09-358-685-25	Sequence 25, Appl	C 813	14.2	0.3	20	1	US-09-198-452A-6458	Sequence 6458, Ap
C 741	14.2	0.3	20	1	US-09-358-685-25	Sequence 25, Appl	C 814	14.2	0.3	20	1	US-09-506-852-9	Sequence 57, Appl
C 742	14.2	0.3	20	1	US-08-838-715B-16	Sequence 16, Appl	C 815	14.2	0.3	20	1	US-09-780-046-23	Sequence 23, Appl
C 743	14.2	0.3	20	1	US-08-838-715B-81	Sequence 81, Appl	C 816	14.2	0.3	20	1	US-09-112-580-51	Sequence 51, Appl
C 744	14.2	0.3	20	1	US-09-444-053-36	Sequence 36, Appl	C 817	14.2	0.3	20	1	US-10-027-848B-51	Sequence 82, Appl
C 745	14.2	0.3	20	1	US-09-435-296-47	Sequence 47, Appl	C 818	14.2	0.3	20	1	US-10-139-844B-52	Sequence 52, Appl
C 746	14.2	0.3	20	1	US-09-435-296-47	Sequence 47, Appl	C 819	14.2	0.3	20	1	US-10-139-844B-52	Sequence 52, Appl
C 747	14.2	0.3	20	1	US-09-490-692-69	Sequence 69, Appl	C 820	14.2	0.3	20	1	US-10-139-844B-74	Sequence 74, Appl
C 748	14.2	0.3	20	1	US-09-288-586-2	Sequence 2, Appl1	C 821	14.2	0.3	20	1	US-09-202-684-2	Sequence 2, Appl1
C 749	14.2	0.3	20	1	US-09-313-932-51	Sequence 51, Appl	C 822	14.2	0.3	20	1	US-09-033-936-1	Sequence 1, Appl1
C 750	14.2	0.3	20	1	US-09-313-932-195	Sequence 195, App	C 823	14.2	0.3	20	1	US-09-907-799A-124	Sequence 124, App
C 751	14.2	0.3	20	1	US-09-313-932-287	Sequence 287, App	C 824	14.2	0.3	20	1	US-09-905-125A-124	Sequence 124, App
C 752	14.2	0.3	20	1	US-09-313-932-374	Sequence 374, App	C 825	14.2	0.3	20	1	US-09-495-714C-7	Sequence 7, Appl1
C 753	14.2	0.3	20	1	US-09-358-972-113	Sequence 113, App	C 826	14.2	0.3	20	1	US-09-495-714C-125	Sequence 125, App
C 754	14.2	0.3	20	1	US-09-467-082-25	Sequence 25, Appl	C 827	14.2	0.3	20	1	US-09-495-714C-130	Sequence 130, App
C 755	14.2	0.3	20	1	US-08-875-847B-14	Sequence 14, Appl	C 828	14.2	0.3	20	1	US-09-495-714C-131	Sequence 131, App
C 756	14.2	0.3	20	1	US-09-657-481A-61	Sequence 61, Appl	C 829	14.2	0.3	20	1	US-09-870-966-33	Sequence 33, Appl
C 757	14.2	0.3	20	1	US-09-118-408-9	Sequence 9, Appl1	C 830	14.2	0.3	20	1	US-09-902-776A-124	Sequence 124, App
C 758	14.2	0.3	20	1	US-09-593-711A-18	Sequence 18, Appl	C 831	14.2	0.3	20	1	US-09-967-666-76	Sequence 76, App
C 759	14.2	0.3	20	1	US-09-593-711A-37	Sequence 37, Appl	C 832	14.2	0.3	20	1	US-09-906-700-134	Sequence 134, App
C 760	14.2	0.3	20	1	US-09-593-711A-59	Sequence 59, Appl	C 833	14.2	0.3	20	1	US-09-758-881-132	Sequence 132, App
C 761	14.2	0.3	20	1	US-09-593-711A-73	Sequence 73, Appl	C 834	14.2	0.3	20	1	US-09-790-417-113	Sequence 113, App
C 762	14.2	0.3	20	1	US-08-958-316-13	Sequence 13, Appl	C 835	14.2	0.3	20	1	US-09-529-235D-62	Sequence 62, Appl
C 763	14.2	0.3	20	1	US-09-721-822A-63	Sequence 63, Appl	C 836	14.2	0.3	20	1	US-09-858-152B-14	Sequence 14, Appl

837	14.2	0.3	20	1	US-09-574-7798-26	Sequence 26, Appl	910	14.2	0.3	21	1	US-09-657-472-1447	Sequence 1447, Ap
C 838	14.2	0.3	20	1	US-09-574-7798-39	Sequence 39, Appl	911	14.2	0.3	21	1	US-09-657-472-1475	Sequence 1475, Ap
839	14.2	0.3	20	1	US-09-917-963-29	Sequence 29, Appl	912	14.2	0.3	21	1	US-09-657-472-1488	Sequence 1488, Ap
840	14.2	0.3	20	1	US-09-903-603A-124	Sequence 124, Appl	C 913	14.2	0.3	21	1	US-09-657-472-1498	Sequence 1498, Ap
C 841	14.2	0.3	20	1	US-09-575-554-20	Sequence 20, Appl	C 914	14.2	0.3	21	1	US-09-657-472-1653	Sequence 1653, Ap
842	14.2	0.3	20	1	US-09-622-583-14	Sequence 14, Appl	C 915	14.2	0.3	21	1	US-09-657-472-1677	Sequence 1677, Ap
C 843	14.2	0.3	20	1	US-09-622-583-17	Sequence 17, Appl	C 916	14.2	0.3	21	1	US-09-657-472-1957	Sequence 1957, Ap
844	14.2	0.3	20	1	US-10-006-611-21	Sequence 21, Appl	C 917	14.2	0.3	21	1	US-09-657-472-2484	Sequence 2484, Ap
C 845	14.2	0.3	20	1	PCT-US91-05815-16	Sequence 16, Appl	C 918	14.2	0.3	21	1	US-09-332-785-390	Sequence 390, Ap
846	14.2	0.3	20	1	PCT-US93-02213-37	Sequence 37, Appl	C 919	14.2	0.3	21	1	US-09-399-003-25	Sequence 25, Appl
847	14.2	0.3	20	1	PCT-US93-03868-7	Sequence 7, Appl	C 920	14.2	0.3	21	1	US-09-399-003-25	Sequence 65, Appl
848	14.2	0.3	20	1	PCT-US93-07917-1	Sequence 17, Appl	C 921	14.2	0.3	21	1	US-09-636-596C-41	Sequence 41, Appl
849	14.2	0.3	20	1	PCT-US94-07770-37	Sequence 37, Appl	C 922	14.2	0.3	21	1	US-09-717-054-75	Sequence 75, Appl
850	14.2	0.3	20	1	PCT-US95-00163-8	Sequence 8, Appl	C 923	14.2	0.3	21	1	US-09-717-054-75	Sequence 75, Appl
851	14.2	0.3	20	1	PCT-US96-09388-74	Sequence 74, Appl	C 924	14.2	0.3	21	1	PCT-US92-06412-20	Sequence 20, Appl
852	14.2	0.3	20	1	PCT-US96-09388-75	Sequence 75, Appl	C 925	14.2	0.3	21	1	US-08-998-099-325	Sequence 325, Appl
C 853	14.2	0.3	21	1	US-09-657-472-2066	Sequence 2066, Ap	C 926	14.2	0.3	14	1	US-08-998-099-325	Sequence 8, Appl
C 854	14.2	0.3	21	1	US-09-596-248D-44	Sequence 44, Appl	C 927	14.2	0.3	14	1	US-08-163-240A-741	Sequence 741, Appl
C 855	14.2	0.3	21	1	US-07-994-423-4	Sequence 4, Appl	928	14.2	0.3	15	1	US-08-367-069-1	Sequence 1, Appl
C 856	14.2	0.3	21	1	US-08-182-175A-20	Sequence 20, Appl	929	14.2	0.3	15	1	US-08-367-069-2	Sequence 2, Appl
C 857	14.2	0.3	21	1	US-08-421-891-4	Sequence 4, Appl	930	14.2	0.3	15	1	US-08-885-126-5	Sequence 5, Appl
C 858	14.2	0.3	21	1	US-08-441-430-43	Sequence 43, Appl	C 931	14.2	0.3	15	1	US-08-885-126-6	Sequence 6, Appl
C 859	14.2	0.3	21	1	US-08-474-633A-42	Sequence 42, Appl	932	14.2	0.3	15	1	US-08-340-834-1	Sequence 1, Appl
C 860	14.2	0.3	21	1	US-08-808-550-17	Sequence 17, Appl	933	14.2	0.3	15	1	US-08-340-834-2	Sequence 2, Appl
C 861	14.2	0.3	21	1	US-08-598-873-73	Sequence 73, Appl	934	14.2	0.3	15	1	US-08-342-924-1	Sequence 1, Appl
C 862	14.2	0.3	21	1	US-08-598-873-75	Sequence 75, Appl	935	14.2	0.3	15	1	US-08-342-924-2	Sequence 2, Appl
863	14.2	0.3	21	1	US-08-863-639A-39	Sequence 39, Appl	936	14.2	0.3	15	1	US-08-360-111-1	Sequence 1, Appl
864	14.2	0.3	21	1	US-08-863-639A-44	Sequence 44, Appl	937	14.2	0.3	15	1	US-08-360-111-2	Sequence 2, Appl
C 865	14.2	0.3	21	1	US-08-863-639A-45	Sequence 45, Appl	C 938	14.2	0.3	15	1	US-08-960-111-10	Sequence 10, Appl
C 866	14.2	0.3	21	1	US-08-863-639A-49	Sequence 49, Appl	C 939	14.2	0.3	15	1	US-08-687-456B-1	Sequence 1, Appl
C 867	14.2	0.3	21	1	US-08-863-639A-65	Sequence 65, Appl	940	14.2	0.3	15	1	US-09-162-484-6	Sequence 6, Appl
C 868	14.2	0.3	21	1	US-08-863-639A-82	Sequence 82, Appl	941	14.2	0.3	15	1	US-09-490-774-1	Sequence 1, Appl
C 869	14.2	0.3	21	1	US-08-863-639A-85	Sequence 85, Appl	942	14.2	0.3	15	1	US-09-490-774-2	Sequence 2, Appl
C 870	14.2	0.3	21	1	US-08-863-639A-86	Sequence 86, Appl	C 943	14.2	0.3	15	1	US-09-490-774-10	Sequence 10, Appl
C 871	14.2	0.3	21	1	US-08-859-998-128	Sequence 128, Appl	944	14.2	0.3	15	1	US-09-349-035-4	Sequence 4, Appl
C 872	14.2	0.3	21	1	US-09-150-741-5	Sequence 5, Appl	945	14.2	0.3	17	1	US-08-373-124A-1625	Sequence 1625, Ap
C 873	14.2	0.3	21	1	US-09-113-168-2	Sequence 25, Appl	946	14.2	0.3	17	1	US-08-435-628-1625	Sequence 1625, Ap
874	14.2	0.3	21	1	US-08-605-430-73	Sequence 73, Appl	947	14.2	0.3	17	1	US-08-584-040-2349	Sequence 2349, Ap
C 875	14.2	0.3	21	1	US-08-605-430-75	Sequence 75, Appl	948	14.2	0.3	17	1	US-09-571-772B-894	Sequence 894, Ap
C 876	14.2	0.3	21	1	US-09-109-663-42	Sequence 42, Appl	949	14.2	0.3	17	1	US-09-866-108A-6402	Sequence 6402, Ap
C 877	14.2	0.3	21	1	US-07-974-409C-346	Sequence 346, Appl	C 950	14.2	0.3	17	1	US-09-866-108A-6406	Sequence 6406, Ap
C 878	14.2	0.3	21	1	US-09-632-711-25	Sequence 25, Appl	951	14.2	0.3	18	1	US-07-903-466-28	Sequence 28, Appl
C 879	14.2	0.3	21	1	US-09-353-160-5	Sequence 5, Appl	952	14.2	0.3	18	1	US-08-096-277-9	Sequence 9, Appl
880	14.2	0.3	21	1	US-09-225-528-128	Sequence 128, Appl	953	14.2	0.3	18	1	US-08-550-815-9	Sequence 9, Appl
881	14.2	0.3	21	1	US-09-632-703B-25	Sequence 25, Appl	954	14.2	0.3	18	1	US-09-161-244-44	Sequence 44, Appl
C 882	14.2	0.3	21	1	US-09-593-012-217	Sequence 217, Appl	955	14.2	0.3	18	1	US-08-703-089-9	Sequence 9, Appl
C 883	14.2	0.3	21	1	US-09-442-143A-28	Sequence 28, Appl	956	14.2	0.3	18	1	US-09-203-623-36	Sequence 36, Appl
884	14.2	0.3	21	1	US-08-649-950-41	Sequence 41, Appl	C 957	14.2	0.3	18	1	US-09-071-433-22	Sequence 22, Appl
885	14.2	0.3	21	1	US-09-360-545-62	Sequence 62, Appl	C 958	14.2	0.3	18	1	US-09-523-462-36	Sequence 36, Appl
886	14.2	0.3	21	1	US-09-632-702-35	Sequence 35, Appl	959	14.2	0.3	18	1	US-09-522-980-36	Sequence 36, Appl
C 887	14.2	0.3	21	1	US-08-823-771-42	Sequence 42, Appl	C 960	14.2	0.3	18	1	US-09-422-978-5578	Sequence 5578, Ap
C 888	14.2	0.3	21	1	US-09-225-201B-128	Sequence 128, Appl	961	14.2	0.3	19	1	PCT-US93-05794-325	Sequence 325, Appl
889	14.2	0.3	21	1	US-09-635-872A-41	Sequence 41, Appl	962	14.2	0.3	19	1	US-09-696-791-3595	Sequence 3595, Ap
C 890	14.2	0.3	21	1	US-09-422-978-3998	Sequence 3998, Ap	963	14.2	0.3	19	1	US-09-696-791-3596	Sequence 3596, Ap
C 891	14.2	0.3	21	1	US-09-422-978-6964	Sequence 6964, Ap	964	14.2	0.3	20	1	US-08-355-824-5	Sequence 5, Appl
C 892	14.2	0.3	21	1	US-09-422-978-7474	Sequence 7474, Ap	965	14.2	0.3	20	1	US-08-910-629A-36	Sequence 36, Appl
C 893	14.2	0.3	21	1	US-09-422-978-10061	Sequence 10061, A	966	14.2	0.3	20	1	US-09-287-796-36	Sequence 36, Appl
C 894	14.2	0.3	21	1	US-09-636-077A-41	Sequence 41, Appl	967	14.2	0.3	20	1	US-09-444-053-73	Sequence 73, Appl
895	14.2	0.3	21	1	US-09-380-836-95	Sequence 95, Appl	968	14.2	0.3	20	1	US-09-444-053-73	Sequence 73, Appl
C 896	14.2	0.3	21	1	US-09-303-040-27	Sequence 27, Appl	C 970	14.2	0.3	20	1	US-09-130-616-36	Sequence 36, Appl
C 897	14.2	0.3	21	1	US-09-636-060C-41	Sequence 41, Appl	C 971	14.2	0.3	20	1	US-09-188-744A-85	Sequence 85, Appl
C 898	14.2	0.3	21	1	US-09-986-552-41	Sequence 41, Appl	972	14.2	0.3	20	1	US-09-780-175-25	Sequence 25, Appl
C 899	14.2	0.3	21	1	US-09-382-552-158	Sequence 158, App	C 973	14.2	0.3	20	1	US-09-422-978-11201	Sequence 11201, A
C 900	14.2	0.3	21	1	US-09-382-552-179	Sequence 179, App	974	14.2	0.3	20	1	US-09-705-267A-177	Sequence 177, App
C 901	14.2	0.3	21	1	US-10-032-819-18	Sequence 18, Appl	C 975	14.2	0.3	20	1	US-09-198-452A-6546	Sequence 6546, Ap
C 902	14.2	0.3	21	1	US-09-657-472-388	Sequence 388, App	C 976	14.2	0.3	20	1	US-09-198-452A-6546	Sequence 6546, Ap
C 903	14.2	0.3	21	1	US-09-657-472-395	Sequence 395, App	C 977	14.2	0.3	20	1	US-10-029-517-61	Sequence 6743, Ap
C 904	14.2	0.3	21	1	US-09-657-472-671	Sequence 671, App	C 978	14.2	0.3	21	1	US-09-045-054-42	Sequence 42, Appl
C 905	14.2	0.3	21	1	US-09-657-472-671	Sequence 671, App	C 979	14.2	0.3	21	1	US-09-422-978-10682	Sequence 10682, A
C 906	14.2	0.3	21	1	US-09-657-472-859	Sequence 859, App	C 980	14.2	0.3	21	1	US-09-657-472-1891	Sequence 1891, Ap
C 907	14.2	0.3	21	1	US-09-657-472-1261	Sequence 1261, Ap	C 981	14.2	0.3	21	1	US-09-657-472-2141	Sequence 2141, Ap
C 908	14.2	0.3	21	1	US-09-657-472-1278	Sequence 1278, Ap	C 982	14.2	0.3	21	1	US-09-657-472-2380	Sequence 2380, Ap

c 983	13.8	0.3	17	1	US-07-954-830-2	Sequence 2, Appl1
c 984	13.8	0.3	17	1	US-08-242-664-32	Sequence 32, Appl1
c 985	13.8	0.3	17	1	US-08-373-124A-1437	Sequence 1437, Ap
c 986	13.8	0.3	17	1	US-08-373-124A-1471	Sequence 1471, Ap
c 987	13.8	0.3	17	1	US-08-484-138-32	Sequence 32, Appl
c 988	13.8	0.3	17	1	US-08-782-047-9	Sequence 9, Appl1
c 989	13.8	0.3	17	1	US-08-782-047-27	Sequence 27, Appl
c 990	13.8	0.3	17	1	US-08-749-431A-24	Sequence 24, Appl1
c 991	13.8	0.3	17	1	US-08-758-306-1077	Sequence 1077, Ap
c 992	13.8	0.3	17	1	US-08-435-628-1437	Sequence 1437, Ap
c 993	13.8	0.3	17	1	US-08-435-628-1471	Sequence 1471, Ap
c 994	13.8	0.3	17	1	US-08-497-535-17	Sequence 17, Appl
c 995	13.8	0.3	17	1	US-08-852-407-3	Sequence 3, Appl1
c 996	13.8	0.3	17	1	US-08-985-162-540	Sequence 540, Appl
c 997	13.8	0.3	17	1	US-08-924-870A-9	Sequence 9, Appl1
c 998	13.8	0.3	17	1	US-08-924-870A-27	Sequence 27, Appl
c 999	13.8	0.3	17	1	US-09-286-529-14	Sequence 14, Appl
1000	13.8	0.3	17	1	US-08-584-040-5988	Sequence 5988, Ap
1001	13.8	0.3	17	1	US-08-584-040-7226	Sequence 7226, Ap
c1002	13.8	0.3	17	1	US-08-584-040-7867	Sequence 7867, Ap
c1003	13.8	0.3	17	1	US-09-527-030C-94	Sequence 94, Appl
1004	13.8	0.3	17	1	US-09-474-432B-468	Sequence 468, App
1005	13.8	0.3	17	1	US-09-474-432B-835	Sequence 835, App
1006	13.8	0.3	17	1	US-09-371-772B-2825	Sequence 2825, Ap
1007	13.8	0.3	17	1	US-09-371-772B-3040	Sequence 3040, Ap
c1008	13.8	0.3	17	1	US-09-371-772B-3650	Sequence 3650, Ap
1009	13.8	0.3	17	1	US-09-476-387-467	Sequence 467, App
1010	13.8	0.3	17	1	US-09-476-387-834	Sequence 834, App
c1011	13.8	0.3	17	1	US-09-401-063-540	Sequence 540, App
1012	13.8	0.3	17	1	US-09-866-108A-695	Sequence 695, App
1013	13.8	0.3	17	1	US-09-866-108A-696	Sequence 696, App
1014	13.8	0.3	17	1	US-09-866-108A-1343	Sequence 1343, Ap
c1015	13.8	0.3	17	1	US-09-866-108A-1437	Sequence 1437, Ap
1016	13.8	0.3	17	1	US-09-866-108A-1480	Sequence 1480, Ap
c1017	13.8	0.3	17	1	US-09-866-108A-1682	Sequence 1682, Ap
c1018	13.8	0.3	17	1	US-09-866-108A-6485	Sequence 6485, Ap
c1019	13.8	0.3	17	1	US-09-866-108A-7601	Sequence 7601, Ap
c1020	13.8	0.3	17	1	US-09-866-108A-7775	Sequence 7775, Ap
1021	13.8	0.3	17	1	US-09-866-108A-7794	Sequence 7794, Ap
1022	13.8	0.3	17	1	US-09-866-108A-8145	Sequence 8145, Ap
c1023	13.8	0.3	17	1	US-09-866-108A-8200	Sequence 8200, Ap
1024	13.8	0.3	17	1	US-09-866-108A-10358	Sequence 10358, A
1025	13.8	0.3	17	1	US-09-866-108A-10449	Sequence 10449, A
1026	13.8	0.3	17	1	US-09-954-736A-10	Sequence 10, Appl
c1027	13.8	0.3	17	1	PCT-US95-06379-32	Sequence 32, Appl
c1028	13.8	0.3	17	1	PCT-US96-06666-17	Sequence 17, Appl
c1029	13.8	0.3	18	1	US-07-741-940-39	Sequence 39, Appl
c1030	13.8	0.3	18	1	US-07-864-475A-14	Sequence 14, Appl
1031	13.8	0.3	18	1	US-08-384-490-10	Sequence 10, Appl
c1032	13.8	0.3	18	1	US-08-279-751B-41	Sequence 41, Appl
1033	13.8	0.3	18	1	US-08-279-751B-88	Sequence 88, Appl
1034	13.8	0.3	18	1	US-08-384-367-6	Sequence 6, Appl1
c1035	13.8	0.3	18	1	US-08-320-559-9	Sequence 9, Appl1
c1036	13.8	0.3	18	1	US-08-327-392-9	Sequence 9, Appl1
c1037	13.8	0.3	18	1	US-08-289-548A-39	Sequence 39, Appl
c1038	13.8	0.3	18	1	US-08-452-654-39	Sequence 39, Appl
c1039	13.8	0.3	18	1	US-08-363-240A-1205	Sequence 1205, Ap
1040	13.8	0.3	18	1	US-08-459-383-10	Sequence 10, Appl
c1041	13.8	0.3	18	1	US-08-452-655B-39	Sequence 39, Appl
1042	13.8	0.3	18	1	US-08-470-837-21	Sequence 21, Appl
1043	13.8	0.3	18	1	US-08-800-751-36	Sequence 36, Appl
c1044	13.8	0.3	18	1	US-08-468-249A-14	Sequence 14, Appl
1045	13.8	0.3	18	1	US-08-990-818-36	Sequence 36, Appl
c1046	13.8	0.3	18	1	US-08-866-958-41	Sequence 41, Appl
c1047	13.8	0.3	18	1	US-08-866-958-88	Sequence 88, Appl
c1048	13.8	0.3	18	1	US-09-205-922-68	Sequence 68, Appl
c1049	13.8	0.3	18	1	US-08-857-946-14	Sequence 14, Appl
c1050	13.8	0.3	18	1	US-08-857-946-16	Sequence 16, Appl
1051	13.8	0.3	18	1	US-09-161-244-28	Sequence 28, Appl
c1052	13.8	0.3	18	1	US-09-205-921-19	Sequence 19, Appl
c1053	13.8	0.3	18	1	US-08-970-740-14	Sequence 14, Appl
c1054	13.8	0.3	18	1	US-08-970-740-16	Sequence 16, Appl
1055	13.8	0.3	18	1	US-09-031-897-10	Sequence 10, Appl
c1056	13.8	0.3	18	1	US-08-545-860D-9	Sequence 9, Appl1
c1057	13.8	0.3	18	1	US-09-143-212-44	Sequence 44, Appl
c1058	13.8	0.3	18	1	US-09-205-143-34	Sequence 34, Appl
c1059	13.8	0.3	18	1	US-08-450-583-39	Sequence 39, Appl
1060	13.8	0.3	18	1	US-09-289-466-14	Sequence 14, Appl
1061	13.8	0.3	18	1	US-09-156-856-7	Sequence 7, Appl1
c1062	13.8	0.3	18	1	US-09-224-426-15	Sequence 15, Appl
c1063	13.8	0.3	18	1	US-09-478-601-15	Sequence 15, Appl
1064	13.8	0.3	18	1	US-09-142-334-25	Sequence 25, Appl
c1065	13.8	0.3	18	1	US-09-478-602-15	Sequence 15, Appl
c1066	13.8	0.3	18	1	US-09-209-528-5	Sequence 5, Appl
1067	13.8	0.3	18	1	US-08-584-040-8347	Sequence 8347, Ap
1068	13.8	0.3	18	1	US-08-679-644-1165	Sequence 1165, Ap
1069	13.8	0.3	18	1	US-08-868-452-21	Sequence 21, Appl
c1070	13.8	0.3	18	1	US-09-723-533-30	Sequence 30, Appl
c1071	13.8	0.3	18	1	US-08-294-312B-17	Sequence 17, Appl
c1072	13.8	0.3	18	1	US-09-167-109-138	Sequence 128, App
c1073	13.8	0.3	18	1	US-08-449-721-39	Sequence 39, Appl
c1074	13.8	0.3	18	1	US-08-468-024B-76	Sequence 76, Appl
1075	13.8	0.3	18	1	US-09-280-030-8	Sequence 8, Appl1
c1076	13.8	0.3	18	1	US-09-422-978-4289	Sequence 4289, Ap
1077	13.8	0.3	18	1	US-09-422-978-5403	Sequence 5403, Ap
1078	13.8	0.3	18	1	US-09-422-978-7233	Sequence 7233, Ap
c1079	13.8	0.3	18	1	US-09-230-652-69	Sequence 69, Appl
1080	13.8	0.3	18	1	US-09-371-772B-4003	Sequence 4003, Ap
1081	13.8	0.3	18	1	US-09-679-298A-25	Sequence 25, Appl
1082	13.8	0.3	18	1	US-09-396-478A-6	Sequence 6, Appl1
1083	13.8	0.3	18	1	US-09-465-679-76	Sequence 76, Appl
c1085	13.8	0.3	18	1	US-09-506-066E-11	Sequence 11, Appl
c1086	13.8	0.3	18	1	US-09-548-797B-50	Sequence 50, Appl
c1087	13.8	0.3	18	1	US-09-885-478-15	Sequence 15, Appl
c1088	13.8	0.3	18	1	US-09-232-788-391	Sequence 391, App
c1089	13.8	0.3	18	1	US-09-232-788-392	Sequence 392, App
1090	13.8	0.3	18	1	PCT-US94-04466-9	Sequence 9, Appl1
c1091	13.8	0.3	19	1	US-09-422-978-8508	Sequence 8508, Ap
1092	13.8	0.3	19	1	US-07-922-722A-21	Sequence 21, Appl
c1093	13.8	0.3	19	1	US-07-799-828C-21	Sequence 21, Appl
c1094	13.8	0.3	19	1	US-08-650-125-7	Sequence 7, Appl1
c1095	13.8	0.3	19	1	US-08-190-711-2	Sequence 2, Appl1
c1096	13.8	0.3	19	1	US-08-367-1178A-22	Sequence 22, Appl
c1097	13.8	0.3	19	1	US-08-701-380-8	Sequence 8, Appl1
c1098	13.8	0.3	19	1	US-08-400-380A-11	Sequence 11, Appl
1099	13.8	0.3	19	1	US-08-560-311A-1	Sequence 1, Appl1
1100	13.8	0.3	19	1	US-08-756-728A-6	Sequence 6, Appl1
1101	13.8	0.3	19	1	US-08-650-125-7	Sequence 7, Appl1
1102	13.8	0.3	19	1	US-08-795-006A-7	Sequence 7, Appl1
c1103	13.8	0.3	19	1	US-07-952-227A-31	Sequence 31, Appl
1104	13.8	0.3	19	1	US-08-532-727A-36	Sequence 36, Appl
c1105	13.8	0.3	19	1	US-08-460-751-11	Sequence 11, Appl
1106	13.8	0.3	19	1	US-08-864-473-19	Sequence 19, Appl
1107	13.8	0.3	19	1	US-08-903-133B-5	Sequence 5, Appl1
c1108	13.8	0.3	19	1	US-09-032-365A-42	Sequence 42, Appl
1109	13.8	0.3	19	1	US-09-184-002-7	Sequence 7, Appl1
1110	13.8	0.3	19	1	US-09-440-523-19	Sequence 19, Appl
1111	13.8	0.3	19	1	US-09-254-733-13	Sequence 13, Appl
c1112	13.8	0.3	19	1	US-09-618-877A-7	Sequence 7, Appl1
c1113	13.8	0.3	19	1	US-09-470-443-9	Sequence 9, Appl1
c1114	13.8	0.3	19	1	US-09-531-000-28	Sequence 28, Appl
c1115	13.8	0.3	19	1	US-09-565-065-4	Sequence 4, Appl1
c1116	13.8	0.3	19	1	US-09-422-978-4994	Sequence 4994, Ap
1117	13.8	0.3	19	1	US-09-568-407-9	Sequence 9, Appl1
1118	13.8	0.3	19	1	US-09-422-978-10026	Sequence 76, Appl
1119	13.8	0.3	19	1	US-09-184-002-7	Sequence 7, Appl1
1120	13.8	0.3	19	1	US-09-096-922C-16	Sequence 16, Appl
1121	13.8	0.3	19	1	US-09-706-722A-5	Sequence 5, Appl
c1122	13.8	0.3	19	1	US-09-234-393-34	Sequence 324, App
1123	13.8	0.3	19	1	US-09-305-928-34	Sequence 324, App
1124	13.8	0.3	19	1	US-09-696-791-1467	Sequence 1467, Ap
1125	13.8	0.3	19	1	US-09-696-791-1795	Sequence 1796, Ap
1126	13.8	0.3	19	1	US-09-696-791-1915	Sequence 1915, Ap
c1127	13.8	0.3	19	1	US-09-918-156-19	Sequence 19, Appl
1128	13.8	0.3	19	1		

c1129	13.8	0.3	19	1	PCT-US91-03680-1	Sequence 1, Appl1	c1202	13.8	0.3	20	1	US-09-44-053-78	Sequence 78, Appl1
c1130	13.8	0.3	20	1	US-09-034-205-8	Sequence 8, Appl1	c1203	13.8	0.3	20	1	US-09-359-756-36	Sequence 36, Appl1
c1131	13.8	0.3	20	1	US-08-934-0974-8	Sequence 8, Appl1	c1204	13.8	0.3	20	1	US-08-869-276-16	Sequence 16, Appl1
c1132	13.8	0.3	20	1	US-08-851-588-8	Sequence 8, Appl1	c1205	13.8	0.3	20	1	US-09-490-692-86	Sequence 86, Appl1
c1133	13.8	0.3	20	1	US-09-677-2188-8	Sequence 8, Appl1	c1206	13.8	0.3	20	1	US-09-490-692-162	Sequence 162, Appl1
c1134	13.8	0.3	20	1	US-09-677-192-8	Sequence 8, Appl1	c1207	13.8	0.3	20	1	US-09-335-614-122	Sequence 22, Appl1
c1135	13.8	0.3	20	1	US-09-625-574-8	Sequence 8, Appl1	c1208	13.8	0.3	20	1	US-09-517-5848-38	Sequence 38, Appl1
c1136	13.8	0.3	20	1	US-09-825-574-8	Sequence 8, Appl1	c1209	13.8	0.3	20	1	US-09-517-5848-60	Sequence 60, Appl1
c1137	13.8	0.3	20	1	US-09-676-768-8	Sequence 8, Appl1	c1210	13.8	0.3	20	1	US-09-050-159-34	Sequence 34, Appl1
c1138	13.8	0.3	20	1	US-08-203-198-9	Sequence 9, Appl1	c1211	13.8	0.3	20	1	US-09-290-640-19	Sequence 19, Appl1
c1139	13.8	0.3	20	1	US-08-150-331-18	Sequence 18, Appl1	c1212	13.8	0.3	20	1	US-09-103-875-74	Sequence 74, Appl1
c1140	13.8	0.3	20	1	US-08-031-1438-6	Sequence 6, Appl1	c1213	13.8	0.3	20	1	US-09-130-616-19	Sequence 19, Appl1
c1141	13.8	0.3	20	1	US-08-031-1438-33	Sequence 33, Appl1	c1214	13.8	0.3	20	1	US-09-313-932-428	Sequence 428, Appl1
c1142	13.8	0.3	20	1	US-08-308-869-1	Sequence 1, Appl1	c1215	13.8	0.3	20	1	US-09-635-344-16	Sequence 16, Appl1
c1143	13.8	0.3	20	1	US-08-393-997-2	Sequence 2, Appl1	c1216	13.8	0.3	20	1	US-09-282-736-6	Sequence 6, Appl1
c1144	13.8	0.3	20	1	US-08-450-257-23	Sequence 23, Appl1	c1217	13.8	0.3	20	1	US-09-371-774-50	Sequence 50, Appl1
c1145	13.8	0.3	20	1	US-08-450-246-23	Sequence 23, Appl1	c1218	13.8	0.3	20	1	US-09-398-629-16	Sequence 16, Appl1
c1146	13.8	0.3	20	1	US-08-450-098-23	Sequence 23, Appl1	c1219	13.8	0.3	20	1	US-09-487-445-127	Sequence 127, Appl1
c1147	13.8	0.3	20	1	US-08-487-1418-72	Sequence 72, Appl1	c1220	13.8	0.3	20	1	US-09-377-309-49	Sequence 49, Appl1
c1148	13.8	0.3	20	1	US-08-487-1418-73	Sequence 73, Appl1	c1221	13.8	0.3	20	1	US-09-487-3688-83	Sequence 83, Appl1
c1149	13.8	0.3	20	1	US-08-271-880A-81	Sequence 81, Appl1	c1222	13.8	0.3	20	1	US-09-593-711A-188	Sequence 188, Appl1
c1150	13.8	0.3	20	1	US-08-271-880A-88	Sequence 88, Appl1	c1223	13.8	0.3	20	1	US-09-135-020-35	Sequence 35, Appl1
c1151	13.8	0.3	20	1	US-08-171-718-13	Sequence 13, Appl1	c1224	13.8	0.3	20	1	US-09-870-511-25	Sequence 25, Appl1
c1152	13.8	0.3	20	1	US-08-171-718-80	Sequence 80, Appl1	c1225	13.8	0.3	20	1	US-08-870-511-25	Sequence 25, Appl1
c1153	13.8	0.3	20	1	US-08-241-465B-12	Sequence 12, Appl1	c1226	13.8	0.3	20	1	US-09-484-617-147	Sequence 147, Appl1
c1154	13.8	0.3	20	1	US-08-451-333-23	Sequence 23, Appl1	c1227	13.8	0.3	20	1	US-08-235-403-23	Sequence 23, Appl1
c1155	13.8	0.3	20	1	US-08-450-236-23	Sequence 23, Appl1	c1228	13.8	0.3	20	1	US-09-471-016-5	Sequence 5, Appl1
c1156	13.8	0.3	20	1	US-08-418-859-18	Sequence 18, Appl1	c1229	13.8	0.3	20	1	US-09-444-871-35	Sequence 35, Appl1
c1157	13.8	0.3	20	1	US-08-782-980-1	Sequence 1, Appl1	c1230	13.8	0.3	20	1	US-09-702-246-77	Sequence 77, Appl1
c1158	13.8	0.3	20	1	US-08-790-963-50	Sequence 50, Appl1	c1231	13.8	0.3	20	1	US-09-065-383-20	Sequence 20, Appl1
c1159	13.8	0.3	20	1	US-08-643-181-18	Sequence 18, Appl1	c1232	13.8	0.3	20	1	US-09-245-248B-10	Sequence 10, Appl1
c1160	13.8	0.3	20	1	US-08-651-692-1	Sequence 1, Appl1	c1233	13.8	0.3	20	1	US-09-167-109-213	Sequence 213, Appl1
c1161	13.8	0.3	20	1	US-08-808-474A-22	Sequence 22, Appl1	c1234	13.8	0.3	20	1	US-09-851-896-67	Sequence 67, Appl1
c1162	13.8	0.3	20	1	US-08-227-180B-30	Sequence 30, Appl1	c1235	13.8	0.3	20	1	US-09-295-593-18	Sequence 18, Appl1
c1163	13.8	0.3	20	1	US-08-927-561-72	Sequence 72, Appl1	c1236	13.8	0.3	20	1	US-09-597-735-35	Sequence 35, Appl1
c1164	13.8	0.3	20	1	US-08-927-561-73	Sequence 73, Appl1	c1237	13.8	0.3	20	1	US-09-036-6370-1	Sequence 70, Appl1
c1165	13.8	0.3	20	1	US-08-910-629A-19	Sequence 19, Appl1	c1238	13.8	0.3	20	1	US-09-036-6370-4	Sequence 4, Appl1
c1166	13.8	0.3	20	1	US-08-717-391-3	Sequence 3, Appl1	c1239	13.8	0.3	20	1	US-09-393-385B-77	Sequence 77, Appl1
c1167	13.8	0.3	20	1	US-08-346-832-9	Sequence 9, Appl1	c1240	13.8	0.3	20	1	US-09-393-385B-78	Sequence 78, Appl1
c1168	13.8	0.3	20	1	US-08-346-832-11	Sequence 11, Appl1	c1241	13.8	0.3	20	1	US-09-444-295-35	Sequence 35, Appl1
c1169	13.8	0.3	20	1	US-08-483-528B-77	Sequence 77, Appl1	c1242	13.8	0.3	20	1	US-09-676-610B-41	Sequence 41, Appl1
c1170	13.8	0.3	20	1	US-08-483-528B-78	Sequence 78, Appl1	c1243	13.8	0.3	20	1	US-09-851-062-33	Sequence 33, Appl1
c1171	13.8	0.3	20	1	US-08-975-211-6	Sequence 6, Appl1	c1244	13.8	0.3	20	1	US-09-597-732-35	Sequence 35, Appl1
c1172	13.8	0.3	20	1	US-08-273-402B-12	Sequence 12, Appl1	c1245	13.8	0.3	20	1	US-09-517-467B-114	Sequence 114, Appl1
c1173	13.8	0.3	20	1	US-08-160-063-9	Sequence 9, Appl1	c1246	13.8	0.3	20	1	US-09-091-952A-97	Sequence 97, Appl1
c1174	13.8	0.3	20	1	US-08-160-063-11	Sequence 11, Appl1	c1247	13.8	0.3	20	1	US-09-091-952A-195	Sequence 195, Appl1
c1175	13.8	0.3	20	1	US-09-166-203-49	Sequence 49, Appl1	c1248	13.8	0.3	20	1	US-09-629-644A-83	Sequence 83, Appl1
c1176	13.8	0.3	20	1	US-08-910-408-81	Sequence 81, Appl1	c1249	13.8	0.3	20	1	US-09-658-688A-72	Sequence 72, Appl1
c1177	13.8	0.3	20	1	US-08-910-408-88	Sequence 88, Appl1	c1250	13.8	0.3	20	1	US-08-569-284-18	Sequence 18, Appl1
c1178	13.8	0.3	20	1	US-08-319-795-11	Sequence 11, Appl1	c1251	13.8	0.3	20	1	US-08-714-741-9	Sequence 9, Appl1
c1179	13.8	0.3	20	1	US-08-874-186-51	Sequence 51, Appl1	c1252	13.8	0.3	20	1	US-08-714-741-28	Sequence 28, Appl1
c1180	13.8	0.3	20	1	US-08-468-985-11	Sequence 11, Appl1	c1253	13.8	0.3	20	1	US-09-668-313A-105	Sequence 105, Appl1
c1181	13.8	0.3	20	1	US-09-289-368-10	Sequence 10, Appl1	c1254	13.8	0.3	20	1	US-09-668-313A-247	Sequence 247, Appl1
c1182	13.8	0.3	20	1	US-09-289-368-53	Sequence 53, Appl1	c1255	13.8	0.3	20	1	US-09-422-978-4035	Sequence 4035, Appl1
c1183	13.8	0.3	20	1	US-08-673-799C-77	Sequence 77, Appl1	c1256	13.8	0.3	20	1	US-09-422-978-5596	Sequence 5596, Appl1
c1184	13.8	0.3	20	1	US-08-673-799C-78	Sequence 78, Appl1	c1257	13.8	0.3	20	1	US-09-422-978-9288	Sequence 9288, Appl1
c1185	13.8	0.3	20	1	US-08-961-462-24	Sequence 24, Appl1	c1258	13.8	0.3	20	1	US-09-198-452A-1711	Sequence 1711, Appl1
c1186	13.8	0.3	20	1	US-09-344-001-26	Sequence 26, Appl1	c1259	13.8	0.3	20	1	US-09-198-452A-3151	Sequence 3151, Appl1
c1187	13.8	0.3	20	1	US-08-478-087-13	Sequence 13, Appl1	c1260	13.8	0.3	20	1	US-09-198-452A-6010	Sequence 6010, Appl1
c1188	13.8	0.3	20	1	US-08-478-087-80	Sequence 80, Appl1	c1261	13.8	0.3	20	1	US-09-198-452A-6315	Sequence 6315, Appl1
c1189	13.8	0.3	20	1	US-08-473-313-9	Sequence 9, Appl1	c1262	13.8	0.3	20	1	US-09-649-728-8	Sequence 8, Appl1
c1190	13.8	0.3	20	1	US-08-473-313-11	Sequence 11, Appl1	c1263	13.8	0.3	20	1	US-09-460-555-6	Sequence 6, Appl1
c1191	13.8	0.3	20	1	US-08-728-603-3	Sequence 3, Appl1	c1264	13.8	0.3	20	1	US-09-422-146-36	Sequence 36, Appl1
c1192	13.8	0.3	20	1	US-09-358-885-30	Sequence 30, Appl1	c1265	13.8	0.3	20	1	US-09-199-160-16	Sequence 16, Appl1
c1193	13.8	0.3	20	1	US-08-532-896-45	Sequence 45, Appl1	c1266	13.8	0.3	20	1	US-09-597-731-35	Sequence 35, Appl1
c1194	13.8	0.3	20	1	US-09-418-641-64	Sequence 64, Appl1	c1267	13.8	0.3	20	1	US-08-529-055-9	Sequence 9, Appl1
c1195	13.8	0.3	20	1	US-09-074-357-9	Sequence 9, Appl1	c1268	13.8	0.3	20	1	US-09-825-497A-6	Sequence 6, Appl1
c1196	13.8	0.3	20	1	US-09-287-796-19	Sequence 19, Appl1	c1269	13.8	0.3	20	1	US-09-780-045A-40	Sequence 40, Appl1
c1197	13.8	0.3	20	1	US-09-418-640-37	Sequence 37, Appl1	c1270	13.8	0.3	20	1	US-09-463-048A-12	Sequence 12, Appl1
c1198	13.8	0.3	20	1	US-09-429-323-32	Sequence 32, Appl1	c1271	13.8	0.3	20	1	US-09-719-190-3	Sequence 3, Appl1
c1199	13.8	0.3	20	1	US-09-135-021-33	Sequence 33, Appl1	c1272	13.8	0.3	20	1	US-09-665-615B-19	Sequence 19, Appl1
c1200	13.8	0.3	20	1	US-09-249-215-81	Sequence 81, Appl1	c1273	13.8	0.3	20	1	US-09-665-615B-121	Sequence 121, Appl1
c1201	13.8	0.3	20	1	US-09-249-215-88	Sequence 88, Appl1	c1274	13.8	0.3	20	1	US-09-860-473-133	Sequence 133, Appl1

c1275	13.8	0.3	20	1	US-09-980-052-209	Sequence 209, App	1348	13.8	0.3	21	1	US-09-657-472-134	Sequence 134, App
c1276	13.8	0.3	20	1	US-09-495-714C-51	Sequence 51, App1	c1349	13.8	0.3	21	1	US-09-657-472-301	Sequence 301, App
c1277	13.8	0.3	20	1	US-09-293-427-45	Sequence 45, App1	c1350	13.8	0.3	21	1	US-09-657-472-693	Sequence 693, App
c1278	13.8	0.3	20	1	US-09-966-451-27	Sequence 27, App1	c1351	13.8	0.3	21	1	US-09-657-472-1011	Sequence 1011, App
c1279	13.8	0.3	20	1	US-09-966-451-55	Sequence 55, App1	c1352	13.8	0.3	21	1	US-09-657-472-1160	Sequence 1160, App
c1280	13.8	0.3	20	1	US-09-032-438C-26	Sequence 26, App1	c1353	13.8	0.3	21	1	US-09-657-472-1165	Sequence 1165, App
c1281	13.8	0.3	20	1	US-08-983-605-38	Sequence 38, App1	c1354	13.8	0.3	21	1	US-09-657-472-1526	Sequence 1526, App
c1282	13.8	0.3	20	1	US-09-917-963-38	Sequence 38, App1	c1355	13.8	0.3	21	1	US-09-657-472-1858	Sequence 1858, App
c1283	13.8	0.3	20	1	PCT-US94-02891-6	Sequence 6, App1	c1356	13.8	0.3	21	1	US-09-657-472-2145	Sequence 2145, App
c1284	13.8	0.3	20	1	PCT-US94-02891-33	Sequence 33, App1	c1357	13.8	0.3	21	1	US-09-795-547-381-5	Sequence 5, App1
c1285	13.8	0.3	20	1	PCT-US95-06406A-12	Sequence 12, App1	c1358	13.8	0.3	21	1	US-09-575-554-5	Sequence 5, App1
c1286	13.8	0.3	20	1	PCT-US96-09388-72	Sequence 72, App1	c1359	13.8	0.3	21	1	US-10-099-542-8	Sequence 8, App1
c1287	13.8	0.3	20	1	PCT-US96-09388-73	Sequence 73, App1	c1360	13.8	0.3	21	1	US-10-099-542-8	Sequence 9, App1
c1288	13.8	0.3	20	1	PCT-US96-09388-73	Sequence 73, App1	c1361	13.8	0.3	21	1	PCT-US93-09232-12	Sequence 12, App1
c1289	13.8	0.3	20	1	5166195-5	Patent No. 5166195	c1362	13.6	0.3	20	1	US-08-241-465B-14	Sequence 14, App1
c1290	13.8	0.3	21	1	US-08-117-373-2	Sequence 8, App1	c1363	13.6	0.3	20	1	US-08-107-411-5	Sequence 5, App1
c1291	13.8	0.3	21	1	US-08-160-861-8	Sequence 8, App1	c1364	13.6	0.3	20	1	US-08-136-811-10	Sequence 10, App1
c1292	13.8	0.3	21	1	US-07-977-284A-140	Sequence 140, App	c1365	13.6	0.3	20	1	US-08-063-167A-13	Sequence 13, App1
c1293	13.8	0.3	21	1	US-07-977-284A-143	Sequence 143, App	c1366	13.6	0.3	20	1	US-07-872-678A-23	Sequence 23, App1
c1294	13.8	0.3	21	1	US-08-297-248-5	Sequence 5, App1	c1367	13.6	0.3	20	1	US-07-872-678A-23	Sequence 23, App1
c1295	13.8	0.3	21	1	US-08-293-086-5	Sequence 5, App1	c1368	13.6	0.3	20	1	US-08-388-381-8	Sequence 8, App1
c1296	13.8	0.3	21	1	US-08-133-979A-24	Sequence 24, App1	c1369	13.6	0.3	20	1	US-07-977-284A-173	Sequence 173, App
c1297	13.8	0.3	21	1	US-08-542-363-8	Sequence 8, App1	c1370	13.6	0.3	20	1	US-08-242-664-36	Sequence 36, App1
c1298	13.8	0.3	21	1	US-08-505-509-18	Sequence 18, App1	c1371	13.6	0.3	20	1	US-07-955-718-24	Sequence 24, App1
c1299	13.8	0.3	21	1	US-08-727-003A-27	Sequence 27, App1	c1372	13.6	0.3	20	1	US-08-007-997A-13	Sequence 13, App1
c1300	13.8	0.3	21	1	US-08-491-690A-18	Sequence 18, App1	c1373	13.6	0.3	20	1	US-08-484-138B-36	Sequence 36, App1
c1301	13.8	0.3	21	1	US-08-485-689-38	Sequence 38, App1	c1374	13.6	0.3	20	1	US-08-317-450B-4	Sequence 4, App1
c1302	13.8	0.3	21	1	US-08-476-021A-38	Sequence 38, App1	c1375	13.6	0.3	20	1	US-08-437-027-12	Sequence 12, App1
c1303	13.8	0.3	21	1	US-08-436-890-24	Sequence 24, App1	c1376	13.6	0.3	20	1	US-08-476-634-12	Sequence 12, App1
c1304	13.8	0.3	21	1	US-08-451-213-24	Sequence 24, App1	c1377	13.6	0.3	20	1	US-08-487-141B-65	Sequence 65, App1
c1305	13.8	0.3	21	1	US-08-478-608B-38	Sequence 38, App1	c1378	13.6	0.3	20	1	US-08-487-141B-70	Sequence 70, App1
c1306	13.8	0.3	21	1	US-08-889-296A-5	Sequence 5, App1	c1379	13.6	0.3	20	1	US-08-487-141B-71	Sequence 71, App1
c1307	13.8	0.3	21	1	US-08-856-426B-140	Sequence 140, App	c1380	13.6	0.3	20	1	US-08-356-287-11	Sequence 11, App1
c1308	13.8	0.3	21	1	US-08-256-426B-143	Sequence 143, App	c1381	13.6	0.3	20	1	US-08-376-362A-1	Sequence 1, App1
c1309	13.8	0.3	21	1	US-08-848-840A-5	Sequence 5, App1	c1382	13.6	0.3	20	1	US-08-255-889-90	Sequence 90, App1
c1310	13.8	0.3	21	1	US-08-487-799-43	Sequence 43, App1	c1383	13.6	0.3	20	1	US-08-310-429A-4	Sequence 4, App1
c1311	13.8	0.3	21	1	US-08-561-469A-5	Sequence 5, App1	c1384	13.6	0.3	20	1	US-08-310-429A-9	Sequence 9, App1
c1312	13.8	0.3	21	1	US-08-513-974B-272	Sequence 272, App	c1385	13.6	0.3	20	1	US-08-171-718-90	Sequence 90, App1
c1313	13.8	0.3	21	1	US-09-128-494-5	Sequence 5, App1	c1386	13.6	0.3	20	1	US-08-588-821-38	Sequence 38, App1
c1314	13.8	0.3	21	1	US-08-640-906-8	Sequence 8, App1	c1387	13.6	0.3	20	1	US-08-605-089-15	Sequence 15, App1
c1315	13.8	0.3	21	1	US-09-106-216-31	Sequence 31, App1	c1388	13.6	0.3	20	1	US-08-484-518-12	Sequence 12, App1
c1316	13.8	0.3	21	1	US-09-046-894-15	Sequence 15, App1	c1389	13.6	0.3	20	1	US-08-550-715-7	Sequence 7, App1
c1317	13.8	0.3	21	1	US-08-430-225A-5	Sequence 5, App1	c1390	13.6	0.3	20	1	US-08-531-556-105	Sequence 105, App
c1318	13.8	0.3	21	1	US-09-226-012-93	Sequence 93, App1	c1391	13.6	0.3	20	1	US-08-943-834-12	Sequence 12, App1
c1319	13.8	0.3	21	1	US-08-476-423A-38	Sequence 38, App1	c1392	13.6	0.3	20	1	US-08-647-584-137	Sequence 137, App
c1320	13.8	0.3	21	1	US-08-853-980-21	Sequence 21, App1	c1393	13.6	0.3	20	1	US-08-835-770-10	Sequence 10, App1
c1321	13.8	0.3	21	1	US-09-158-863C-48	Sequence 48, App1	c1394	13.6	0.3	20	1	US-08-628-731-10	Sequence 10, App1
c1322	13.8	0.3	21	1	US-09-395-936-8	Sequence 8, App1	c1395	13.6	0.3	20	1	US-08-715-144-24	Sequence 24, App1
c1323	13.8	0.3	21	1	US-09-248-386-5	Sequence 5, App1	c1396	13.6	0.3	20	1	US-08-915-213-38	Sequence 38, App1
c1324	13.8	0.3	21	1	US-09-308-388-4	Sequence 4, App1	c1397	13.6	0.3	20	1	US-08-465-485A-26	Sequence 26, App1
c1325	13.8	0.3	21	1	US-08-949-344C-25	Sequence 25, App1	c1398	13.6	0.3	20	1	US-08-465-485A-27	Sequence 27, App1
c1326	13.8	0.3	21	1	US-09-670-827-8	Sequence 8, App1	c1399	13.6	0.3	20	1	US-08-440-740A-13	Sequence 13, App
c1328	13.8	0.3	21	1	US-09-422-978-7988	Sequence 7988, App	c1400	13.6	0.3	20	1	US-08-887-365-7	Sequence 7, App1
c1329	13.8	0.3	21	1	US-09-422-978-9663	Sequence 9663, App	c1401	13.6	0.3	20	1	US-08-690-733A-3	Sequence 3, App1
c1330	13.8	0.3	21	1	US-09-422-978-10487	Sequence 10487, A	c1402	13.6	0.3	20	1	US-08-690-733A-8	Sequence 8, App1
c1331	13.8	0.3	21	1	US-09-422-978-10707	Sequence 10707, A	c1403	13.6	0.3	20	1	US-08-690-733A-14	Sequence 14, App1
c1332	13.8	0.3	21	1	US-09-422-978-10880	Sequence 10880, A	c1404	13.6	0.3	20	1	US-08-623-906A-33	Sequence 33, App1
c1333	13.8	0.3	21	1	US-09-422-978-11709	Sequence 11709, A	c1405	13.6	0.3	20	1	US-08-927-561-65	Sequence 65, App1
c1334	13.8	0.3	21	1	US-09-322-624-13	Sequence 13, App1	c1406	13.6	0.3	20	1	US-08-927-561-70	Sequence 70, App1
c1335	13.8	0.3	21	1	US-09-463-048A-10	Sequence 10, App1	c1407	13.6	0.3	20	1	US-08-927-561-71	Sequence 71, App1
c1336	13.8	0.3	21	1	US-09-632-575-8	Sequence 8, App1	c1408	13.6	0.3	20	1	US-08-927-561-71	Sequence 71, App1
c1337	13.8	0.3	21	1	US-09-823-549-43	Sequence 43, App1	c1409	13.6	0.3	20	1	US-08-481-072A-113	Sequence 113, App
c1338	13.8	0.3	21	1	US-09-744-754C-26	Sequence 26, App1	c1410	13.6	0.3	20	1	US-08-664-336-113	Sequence 113, App
c1339	13.8	0.3	21	1	US-09-744-754C-27	Sequence 27, App1	c1411	13.6	0.3	20	1	US-08-256-426B-173	Sequence 173, App
c1340	13.8	0.3	21	1	US-09-827-949-8	Sequence 27, App1	c1412	13.6	0.3	20	1	US-09-005-533-38	Sequence 38, App1
c1341	13.8	0.3	21	1	US-09-032-438C-72	Sequence 72, App1	c1413	13.6	0.3	20	1	US-08-481-066A-113	Sequence 113, App
c1342	13.8	0.3	21	1	US-09-786-666-1	Sequence 1, App1	c1414	13.6	0.3	20	1	US-08-771-602D-18	Sequence 18, App1
c1343	13.8	0.3	21	1	US-09-786-666-2	Sequence 2, App1	c1415	13.6	0.3	20	1	US-09-205-860-3	Sequence 3, App1
c1344	13.8	0.3	21	1	US-09-786-666-5	Sequence 5, App1	c1416	13.6	0.3	20	1		
c1345	13.8	0.3	21	1	US-09-786-666-11	Sequence 11, App1	c1417	13.6	0.3	20	1		
c1346	13.8	0.3	21	1	US-09-786-666-12	Sequence 12, App1	c1418	13.6	0.3	20	1		
c1347	13.8	0.3	21	1	US-09-786-666-15	Sequence 15, App1	c1419	13.6	0.3	20	1		
					US-09-657-472-113	Sequence 113, App	c1420	13.6	0.3	20	1		

1421	13.6	0.3	20	1	US-08-206-790A-1	Sequence 1, Appl	1494	13.6	0.3	20	1	US-09-467-642-52	Sequence 52, Appl
1422	13.6	0.3	20	1	US-09-289-368-14	Sequence 14, Appl	c1495	13.6	0.3	20	1	US-09-009-490A-13	Sequence 13, Appl
c1423	13.6	0.3	20	1	US-09-226-568-5	Sequence 5, Appl	1496	13.6	0.3	20	1	US-09-593-589-37	Sequence 37, Appl
c1424	13.6	0.3	20	1	US-09-226-568-7	Sequence 7, Appl	c1497	13.6	0.3	20	1	US-08-829-637A-113	Sequence 113, Appl
1425	13.6	0.3	20	1	US-08-985-908-21	Sequence 21, Appl	1498	13.6	0.3	20	1	US-08-919-573-6	Sequence 6, Appl
1426	13.6	0.3	20	1	US-08-589-939-41	Sequence 41, Appl	c1499	13.6	0.3	20	1	US-09-556-031-12	Sequence 12, Appl
1427	13.6	0.3	20	1	US-09-357-072-64	Sequence 64, Appl	1500	13.6	0.3	20	1	US-09-596-938-13	Sequence 13, Appl
c1428	13.6	0.3	20	1	US-08-578-615A-72	Sequence 72, Appl	1501	13.6	0.3	20	1	US-09-662-250A-51	Sequence 51, Appl
c1429	13.6	0.3	20	1	US-08-578-615A-73	Sequence 73, Appl	1502	13.6	0.3	20	1	US-09-638-509C-17	Sequence 17, Appl
c1430	13.6	0.3	20	1	US-08-982-845B-13	Sequence 13, Appl	1503	13.6	0.3	20	1	US-09-702-251-38	Sequence 38, Appl
c1431	13.6	0.3	20	1	US-08-914-961-5	Sequence 5, Appl	c1504	13.6	0.3	20	1	US-09-732-119A-56	Sequence 56, Appl
1432	13.6	0.3	20	1	US-08-742-185-3	Sequence 3, Appl	1505	13.6	0.3	20	1	US-09-702-246-6	Sequence 68, Appl
c1433	13.6	0.3	20	1	US-08-742-185-8	Sequence 8, Appl	c1506	13.6	0.3	20	1	US-09-446-821A-9	Sequence 9, Appl
1434	13.6	0.3	20	1	US-08-742-185-74	Sequence 74, Appl	c1507	13.6	0.3	20	1	US-09-167-109-53	Sequence 53, Appl
1435	13.6	0.3	20	1	US-08-665-259-45	Sequence 45, Appl	1508	13.6	0.3	20	1	US-09-798-096-15	Sequence 15, Appl
1436	13.6	0.3	20	1	US-08-762-500-45	Sequence 45, Appl	c1509	13.6	0.3	20	1	US-09-798-096-56	Sequence 56, Appl
c1437	13.6	0.3	20	1	US-08-661-291A-84	Sequence 84, Appl	1510	13.6	0.3	20	1	US-09-798-096-79	Sequence 79, Appl
c1438	13.6	0.3	20	1	US-09-080-285-26	Sequence 26, Appl	1511	13.6	0.3	20	1	US-08-949-344C-44	Sequence 44, Appl
1439	13.6	0.3	20	1	US-09-080-285-27	Sequence 27, Appl	c1512	13.6	0.3	20	1	US-08-981-527A-3	Sequence 3, Appl
1440	13.6	0.3	20	1	US-08-445-515-16	Sequence 16, Appl	c1513	13.6	0.3	20	1	US-08-098-942C-17	Sequence 17, Appl
1441	13.6	0.3	20	1	US-09-120-853-5	Sequence 5, Appl	c1514	13.6	0.3	20	1	US-09-844-63A-128	Sequence 128, Appl
c1442	13.6	0.3	20	1	US-09-120-853-8	Sequence 8, Appl	1515	13.6	0.3	20	1	US-08-919-170-98	Sequence 9, Appl
c1443	13.6	0.3	20	1	US-09-344-519-37	Sequence 37, Appl	c1516	13.6	0.3	20	1	US-09-724-426-26	Sequence 26, Appl
1444	13.6	0.3	20	1	US-08-765-626-8	Sequence 8, Appl	1517	13.6	0.3	20	1	US-09-724-426-27	Sequence 27, Appl
1445	13.6	0.3	20	1	US-08-478-087-90	Sequence 90, Appl	c1518	13.6	0.3	20	1	US-09-742-703-24	Sequence 24, Appl
c1446	13.6	0.3	20	1	US-08-991-525B-13	Sequence 13, Appl	1519	13.6	0.3	20	1	US-09-920-663A-16	Sequence 16, Appl
c1447	13.6	0.3	20	1	US-09-085-759-13	Sequence 13, Appl	1520	13.6	0.3	20	1	US-09-439-261-55	Sequence 55, Appl
1448	13.6	0.3	20	1	US-09-418-641-56	Sequence 56, Appl	1521	13.6	0.3	20	1	US-09-191-170-98	Sequence 98, Appl
1449	13.6	0.3	20	1	US-09-377-310-6	Sequence 6, Appl	c1522	13.6	0.3	20	1	US-09-367-750-9	Sequence 9, Appl
c1450	13.6	0.3	20	1	US-09-280-799-161	Sequence 161, Appl	c1523	13.6	0.3	20	1	US-09-792-594-48	Sequence 48, Appl
c1451	13.6	0.3	20	1	US-08-882-046-71	Sequence 71, Appl	c1524	13.6	0.3	20	1	US-09-792-594-61	Sequence 61, Appl
1452	13.6	0.3	20	1	US-09-418-640-26	Sequence 26, Appl	c1525	13.6	0.3	20	1	US-09-792-594-81	Sequence 81, Appl
c1453	13.6	0.3	20	1	US-08-800-593-4	Sequence 4, Appl	c1526	13.6	0.3	20	1	US-09-676-610B-64	Sequence 64, Appl
c1454	13.6	0.3	20	1	US-08-765-340-27	Sequence 27, Appl	c1527	13.6	0.3	20	1	US-09-676-610B-14	Sequence 14, Appl
1455	13.6	0.3	20	1	US-08-765-340-90	Sequence 90, Appl	1528	13.6	0.3	20	1	US-09-791-211-81	Sequence 81, Appl
c1456	13.6	0.3	20	1	US-09-288-461-55	Sequence 55, Appl	c1529	13.6	0.3	20	1	US-09-851-062-36	Sequence 36, Appl
1457	13.6	0.3	20	1	US-09-484-345-69	Sequence 69, Appl	c1530	13.6	0.3	20	1	US-08-469-260A-137	Sequence 137, Appl
1458	13.6	0.3	20	1	US-09-484-345-70	Sequence 70, Appl	c1531	13.6	0.3	20	1	US-09-517-467B-107	Sequence 107, Appl
c1459	13.6	0.3	20	1	US-09-433-699-25	Sequence 25, Appl	c1532	13.6	0.3	20	1	US-09-322-409-144	Sequence 144, Appl
1460	13.6	0.3	20	1	US-09-513-729B-56	Sequence 56, Appl	1533	13.6	0.3	20	1	US-09-918-686-60	Sequence 60, Appl
c1461	13.6	0.3	20	1	US-09-359-756-11	Sequence 11, Appl	c1534	13.6	0.3	20	1	US-09-451-527-134	Sequence 134, Appl
c1462	13.6	0.3	20	1	US-09-128-496-13	Sequence 13, Appl	1535	13.6	0.3	20	1	US-09-920-668-30	Sequence 30, Appl
1463	13.6	0.3	20	1	US-09-435-296-71	Sequence 71, Appl	c1536	13.6	0.3	20	1	US-09-920-668-39	Sequence 39, Appl
c1464	13.6	0.3	20	1	US-09-428-219-58	Sequence 58, Appl	1537	13.6	0.3	20	1	US-09-733-294A-33	Sequence 33, Appl
1465	13.6	0.3	20	1	US-08-836-252A-13	Sequence 13, Appl	1538	13.6	0.3	20	1	US-09-733-294A-38	Sequence 38, Appl
c1466	13.6	0.3	20	1	US-09-179-558-30	Sequence 30, Appl	1539	13.6	0.3	20	1	US-09-629-644A-42	Sequence 42, Appl
c1467	13.6	0.3	20	1	US-09-280-805-28	Sequence 28, Appl	c1540	13.6	0.3	20	1	US-09-629-644A-163	Sequence 163, Appl
1468	13.6	0.3	20	1	US-09-480-671-09	Sequence 99, Appl	1541	13.6	0.3	20	1	US-09-658-688A-14	Sequence 12, Appl
c1469	13.6	0.3	20	1	US-09-517-584A-74	Sequence 74, Appl	c1543	13.6	0.3	20	1	US-09-898-361-29	Sequence 29, Appl
1470	13.6	0.3	20	1	US-08-738-652-8	Sequence 8, Appl	1544	13.6	0.3	20	1	US-09-898-361-129	Sequence 129, Appl
1471	13.6	0.3	20	1	US-09-030-701-58	Sequence 58, Appl	1545	13.6	0.3	20	1	US-09-657-346A-83	Sequence 83, Appl
1472	13.6	0.3	20	1	US-08-855-910-51	Sequence 51, Appl	1546	13.6	0.3	20	1	US-09-622-277-6	Sequence 6, Appl
c1474	13.6	0.3	20	1	US-08-286-098-103	Sequence 103, Appl	1547	13.6	0.3	20	1	US-09-622-277-6	Sequence 59, Appl
c1475	13.6	0.3	20	1	US-09-063-667-13	Sequence 13, Appl	c1549	13.6	0.3	20	1	US-09-422-978-77A8	Sequence 77A8, Appl
c1476	13.6	0.3	20	1	US-09-313-932-315	Sequence 315, Appl	1550	13.6	0.3	20	1	US-09-422-978-9967	Sequence 9967, Appl
c1477	13.6	0.3	20	1	US-09-313-932-425	Sequence 425, Appl	1551	13.6	0.3	20	1	US-09-422-978-10195	Sequence 10195, A
c1478	13.6	0.3	20	1	US-08-800-215C-7	Sequence 7, Appl	c1552	13.6	0.3	20	1	US-09-507-242-7	Sequence 7, Appl
1479	13.6	0.3	20	1	US-08-960-774-8	Sequence 8, Appl	1553	13.6	0.3	20	1	US-09-358-856C-16	Sequence 16, Appl
1480	13.6	0.3	20	1	US-09-021-701-1040	Sequence 1040, Appl	1554	13.6	0.3	20	1	US-09-722-487-30	Sequence 30, Appl
1481	13.6	0.3	20	1	US-09-183-846A-9	Sequence 9, Appl	c1555	13.6	0.3	20	1	US-09-920-759-13	Sequence 13, Appl
1482	13.6	0.3	20	1	US-09-487-445-76	Sequence 76, Appl	1556	13.6	0.3	20	1	US-10-025-135-113	Sequence 113, Appl
c1484	13.6	0.3	20	1	US-09-487-445-129	Sequence 129, Appl	c1557	13.6	0.3	20	1	US-09-322-624-12	Sequence 12, Appl
1485	13.6	0.3	20	1	US-09-487-368A-42	Sequence 42, Appl	c1558	13.6	0.3	20	1	US-08-488-446-127	Sequence 127, Appl
c1486	13.6	0.3	20	1	US-09-487-368A-163	Sequence 163, Appl	c1559	13.6	0.3	20	1	US-09-198-452A-1339	Sequence 1339, Appl
c1487	13.6	0.3	20	1	US-09-428-583-24	Sequence 24, Appl	c1560	13.6	0.3	20	1	US-09-198-452A-1387	Sequence 1387, Appl
c1488	13.6	0.3	20	1	US-09-593-711A-142	Sequence 142, Appl	c1561	13.6	0.3	20	1	US-09-198-452A-1357	Sequence 1357, Appl
c1489	13.6	0.3	20	1	US-09-593-711A-157	Sequence 157, Appl	c1562	13.6	0.3	20	1	US-09-198-452A-2551	Sequence 2551, Appl
c1490	13.6	0.3	20	1	US-09-593-711A-189	Sequence 189, Appl	c1563	13.6	0.3	20	1	US-09-198-452A-2642	Sequence 2642, Appl
c1491	13.6	0.3	20	1	US-09-214-278-20	Sequence 20, Appl	c1564	13.6	0.3	20	1	US-09-198-452A-2716	Sequence 2716, Appl
c1492	13.6	0.3	20	1	US-09-467-642-24	Sequence 24, Appl	c1565	13.6	0.3	20	1	US-09-198-452A-2906	Sequence 2906, Appl
c1493	13.6	0.3	20	1	US-09-467-642-32	Sequence 32, Appl	c1566	13.6	0.3	20	1		

c1567	13.6	0.3	20	1	US-09-198-452A-2918	Sequence 2918, Ap
1568	13.6	0.3	20	1	US-09-198-452A-3221	Sequence 3221, Ap
1569	13.6	0.3	20	1	US-09-198-452A-3681	Sequence 3681, Ap
c1570	13.6	0.3	20	1	US-09-198-452A-3683	Sequence 3683, Ap
1571	13.6	0.3	20	1	US-09-198-452A-4185	Sequence 4185, Ap
1572	13.6	0.3	20	1	US-09-198-452A-4445	Sequence 4445, Ap
c1573	13.6	0.3	20	1	US-09-198-452A-4769	Sequence 4769, Ap
c1574	13.6	0.3	20	1	US-09-198-452A-4907	Sequence 4907, Ap
1575	13.6	0.3	20	1	US-09-198-452A-5291	Sequence 5291, Ap
c1576	13.6	0.3	20	1	US-09-198-452A-5368	Sequence 5368, Ap
c1577	13.6	0.3	20	1	US-09-198-452A-5642	Sequence 5642, Ap
c1578	13.6	0.3	20	1	US-09-198-452A-5923	Sequence 5923, Ap
1579	13.6	0.3	20	1	US-09-198-452A-6187	Sequence 6187, Ap
1580	13.6	0.3	20	1	US-09-808-358-15	Sequence 15, Appl
1581	13.6	0.3	20	1	US-09-808-358-35	Sequence 35, Appl
1582	13.6	0.3	20	1	US-09-922-146-11	Sequence 11, Appl
1583	13.6	0.3	20	1	US-09-601-144-41	Sequence 41, Appl
c1584	13.6	0.3	20	1	US-09-601-144-65	Sequence 65, Appl
c1585	13.6	0.3	20	1	US-09-722-708-30	Sequence 30, Appl
c1586	13.6	0.3	20	1	US-09-723-444-16	Sequence 16, Appl
c1587	13.6	0.3	20	1	US-09-909-595-64	Sequence 64, Appl
c1588	13.6	0.3	20	1	US-08-467-344A-127	Sequence 127, App
1589	13.6	0.3	20	1	US-09-081-385-25	Sequence 25, Appl
1590	13.6	0.3	20	1	US-09-081-385-76	Sequence 76, Appl
c1591	13.6	0.3	20	1	US-09-903-413-8	Sequence 8, Appl
1592	13.6	0.3	20	1	US-09-670-216-9	Sequence 9, Appl
c1593	13.6	0.3	20	1	US-09-780-045-104	Sequence 104, App
c1594	13.6	0.3	20	1	US-09-780-045-105	Sequence 105, App
c1595	13.6	0.3	20	1	US-09-780-172-74	Sequence 74, Appl
c1596	13.6	0.3	20	1	US-09-465-589A-5	Sequence 5, Appl
1597	13.6	0.3	20	1	US-09-465-589A-6	Sequence 6, Appl
c1598	13.6	0.3	20	1	US-09-112-580-56	Sequence 56, Appl
1599	13.6	0.3	20	1	US-09-027-983-56	Sequence 56, Appl
c1600	13.6	0.3	20	1	US-09-855-722-20	Sequence 20, Appl
1601	13.6	0.3	20	1	US-09-337-619-8	Sequence 8, Appl
c1602	13.6	0.3	20	1	US-09-860-473-47	Sequence 47, Appl
c1603	13.6	0.3	20	1	US-09-860-473-64	Sequence 64, Appl
c1604	13.6	0.3	20	1	US-09-860-473-119	Sequence 119, App
c1605	13.6	0.3	20	1	US-09-377-497-41	Sequence 41, Appl
1606	13.6	0.3	20	1	US-09-980-052-118	Sequence 118, App
c1607	13.6	0.3	20	1	US-10-147-936B-3	Sequence 3, Appl
c1608	13.6	0.3	20	1	US-09-967-669-62	Sequence 62, Appl
c1609	13.6	0.3	20	1	US-09-192-854-187	Sequence 187, App
c1610	13.6	0.3	20	1	US-09-192-854-199	Sequence 199, App
1611	13.6	0.3	20	1	US-09-125-491C-18	Sequence 18, Appl
c1612	13.6	0.3	20	1	US-09-566-047-71	Sequence 71, Appl
c1613	13.6	0.3	20	1	US-09-402-618B-87	Sequence 87, Appl
c1614	13.6	0.3	20	1	US-09-402-618B-91	Sequence 91, Appl
c1615	13.6	0.3	20	1	US-10-215-448-44	Sequence 44, Appl
c1616	13.6	0.3	20	1	US-08-983-605-65	Sequence 65, Appl
1617	13.6	0.3	20	1	US-08-983-605-80	Sequence 80, Appl
c1618	13.6	0.3	20	1	US-08-983-605-80	Sequence 80, Appl
c1619	13.6	0.3	20	1	US-08-424-550B-127	Sequence 127, App
c1620	13.6	0.3	20	1	US-09-758-881-55	Sequence 55, Appl
1621	13.6	0.3	20	1	US-10-172-911-43	Sequence 43, Appl
c1622	13.6	0.3	20	1	US-09-735-450-11	Sequence 11, Appl
c1623	13.6	0.3	20	1	US-09-492-361-29	Sequence 29, Appl
c1624	13.6	0.3	20	1	US-10-071-411A-26	Sequence 26, Appl
c1625	13.6	0.3	20	1	PCT-US91-05742-24	Sequence 24, Appl
c1626	13.6	0.3	20	1	PCT-US91-04863-11	Sequence 11, Appl
c1627	13.6	0.3	20	1	PCT-US93-08101-13	Sequence 13, Appl
c1628	13.6	0.3	20	1	PCT-US94-07770-72	Sequence 72, Appl
c1629	13.6	0.3	20	1	PCT-US94-07770-73	Sequence 73, Appl
1630	13.6	0.3	20	1	PCT-US95-02943-1	Sequence 1, Appl
1631	13.6	0.3	20	1	PCT-US95-06379-36	Sequence 36, Appl
1632	13.6	0.3	20	1	PCT-US95-08605-8	Sequence 8, Appl
1633	13.6	0.3	20	1	PCT-US96-09388-65	Sequence 65, Appl
1634	13.6	0.3	20	1	PCT-US96-09388-70	Sequence 70, Appl
1635	13.6	0.3	20	1	PCT-US96-09388-71	Sequence 71, Appl
1636	13.6	0.3	21	1	US-09-422-978-6964	Sequence 6964, Ap
c1637	13.4	0.3	15	1	US-08-142-785-5	Sequence 5, Appl
1638	13.4	0.3	15	1	US-08-142-785-6	Sequence 6, Appl
c1639	13.4	0.3	15	1	US-07-799-824-4	Sequence 4, Appl
c1640	13.4	0.3	15	1	US-07-976-103A-4	Sequence 4, Appl
1641	13.4	0.3	15	1	US-08-363-240A-708	Sequence 708, App
1642	13.4	0.3	15	1	US-08-426-807-1	Sequence 1, Appl
c1643	13.4	0.3	15	1	US-07-892-902-6	Sequence 6, Appl
1644	13.4	0.3	15	1	US-07-892-902-7	Sequence 7, Appl
c1645	13.4	0.3	15	1	US-08-473-481-4	Sequence 4, Appl
c1646	13.4	0.3	15	1	US-08-292-620A-24	Sequence 24, Appl
1647	13.4	0.3	15	1	US-08-292-620A-53	Sequence 53, Appl
c1648	13.4	0.3	15	1	US-08-585-688B-164	Sequence 164, App
1649	13.4	0.3	15	1	US-08-459-433-1	Sequence 1, Appl
c1650	13.4	0.3	15	1	US-09-071-845-24	Sequence 24, Appl
1651	13.4	0.3	15	1	US-09-071-845-63	Sequence 63, Appl
c1652	13.4	0.3	15	1	US-09-038-073-154	Sequence 154, App
c1653	13.4	0.3	15	1	US-08-338-353-5	Sequence 5, Appl
1654	13.4	0.3	15	1	US-09-202-294-1	Sequence 1, Appl
c1655	13.4	0.3	15	1	US-08-599-738A-4	Sequence 4, Appl
c1656	13.4	0.3	15	1	US-09-463-067-9	Sequence 9, Appl
1657	13.4	0.3	15	1	US-09-612-531-4	Sequence 4, Appl
1658	13.4	0.3	15	1	US-09-612-531-8	Sequence 8, Appl
1659	13.4	0.3	15	1	US-09-612-531-18	Sequence 18, Appl
1660	13.4	0.3	15	1	US-09-612-531-10	Sequence 10, Appl
1661	13.4	0.3	15	1	US-09-612-531-14	Sequence 14, Appl
1662	13.4	0.3	15	1	US-09-612-531-15	Sequence 15, Appl
1663	13.4	0.3	15	1	US-09-612-531-16	Sequence 16, Appl
1664	13.4	0.3	15	1	US-09-612-531-17	Sequence 17, Appl
1665	13.4	0.3	15	1	US-09-612-531-18	Sequence 18, Appl
1666	13.4	0.3	15	1	US-09-612-531-19	Sequence 19, Appl
1667	13.4	0.3	15	1	US-09-612-531-20	Sequence 20, Appl
1668	13.4	0.3	15	1	US-09-612-531-21	Sequence 21, Appl
1669	13.4	0.3	15	1	US-09-612-531-22	Sequence 22, Appl
1670	13.4	0.3	15	1	US-09-612-531-23	Sequence 23, Appl
1671	13.4	0.3	15	1	US-09-612-531-24	Sequence 24, Appl
1672	13.4	0.3	15	1	US-09-612-531-25	Sequence 25, Appl
1673	13.4	0.3	15	1	US-09-142-212A-3	Sequence 3, Appl
1674	13.4	0.3	15	1	US-09-142-212A-4	Sequence 4, Appl
1675	13.4	0.3	15	1	US-09-142-212A-5	Sequence 5, Appl
1676	13.4	0.3	15	1	US-09-142-212A-6	Sequence 6, Appl
1677	13.4	0.3	15	1	US-09-142-212A-9	Sequence 9, Appl
1678	13.4	0.3	15	1	US-09-142-212A-13	Sequence 13, Appl
1679	13.4	0.3	15	1	US-09-349-040A-6	Sequence 6, Appl
1680	13.4	0.3	15	1	US-09-349-040A-7	Sequence 7, Appl
1681	13.4	0.3	15	1	US-09-349-040A-8	Sequence 8, Appl
1682	13.4	0.3	15	1	US-09-753-943D-3	Sequence 3, Appl
1683	13.4	0.3	15	1	US-09-753-943D-4	Sequence 4, Appl
1684	13.4	0.3	15	1	US-09-753-943D-6	Sequence 6, Appl
1685	13.4	0.3	15	1	US-09-753-943D-7	Sequence 7, Appl
1686	13.4	0.3	15	1	US-09-753-943D-8	Sequence 8, Appl
1687	13.4	0.3	15	1	US-09-753-943D-10	Sequence 10, Appl
c1688	13.4	0.3	15	1	US-09-753-943D-11	Sequence 11, Appl
c1689	13.4	0.3	15	1	US-09-753-943D-12	Sequence 12, Appl
c1690	13.4	0.3	15	1	US-09-753-943D-13	Sequence 13, Appl
c1691	13.4	0.3	15	1	US-10-294-203-4	Sequence 4, Appl
c1692	13.4	0.3	16	1	US-08-231-227-8	Sequence 8, Appl
c1693	13.4	0.3	16	1	US-08-245-742A-6	Sequence 6, Appl
c1694	13.4	0.3	16	1	US-08-245-742A-8	Sequence 8, Appl
c1695	13.4	0.3	16	1	US-08-245-742A-9	Sequence 9, Appl
c1696	13.4	0.3	16	1	US-08-245-742A-10	Sequence 10, Appl
c1697	13.4	0.3	16	1	US-08-245-742A-11	Sequence 11, Appl
c1698	13.4	0.3	16	1	US-08-245-742A-12	Sequence 12, Appl
c1699	13.4	0.3	16	1	US-08-465-483-6	Sequence 6, Appl
c1700	13.4	0.3	16	1	US-08-465-483-8	Sequence 8, Appl
c1701	13.4	0.3	16	1	US-08-465-483-9	Sequence 9, Appl
c1702	13.4	0.3	16	1	US-08-465-483-10	Sequence 10, Appl
c1703	13.4	0.3	16	1	US-08-465-483-11	Sequence 11, Appl
c1704	13.4	0.3	16	1	US-08-465-483-12	Sequence 12, Appl
c1705	13.4	0.3	16	1	US-08-292-620A-1548	Sequence 1548, Ap
1706	13.4	0.3	16	1	US-08-485-689-56	Sequence 56, Appl
c1707	13.4	0.3	16	1	US-08-485-689-78	Sequence 78, Appl
c1708	13.4	0.3	16	1	US-08-476-021A-56	Sequence 56, Appl
c1709	13.4	0.3	16	1	US-08-476-021A-78	Sequence 78, Appl
c1710	13.4	0.3	16	1	US-08-478-608B-56	Sequence 56, Appl
c1711	13.4	0.3	16	1	US-08-478-608B-78	Sequence 78, Appl
c1712	13.4	0.3	16	1	US-08-478-608B-78	Sequence 78, Appl

c1713	13.4	0.3	16	1	US-08-876-996-6	Sequence 6, App1	1786	13.4	0.3	18	1	US-08-375-116h-115	Sequence 135, App
c1714	13.4	0.3	16	1	US-08-876-996-8	Sequence 9, App1	1787	13.4	0.3	18	1	US-08-426-036-11	Sequence 19, App1
c1715	13.4	0.3	16	1	US-08-876-996-9	Sequence 9, App1	1788	13.4	0.3	18	1	US-07-976-102h-19	Sequence 11, App1
c1716	13.4	0.3	16	1	US-08-876-996-10	Sequence 10, App1	1789	13.4	0.3	18	1	US-08-426-279-19	Sequence 19, App1
c1717	13.4	0.3	16	1	US-08-876-996-11	Sequence 11, App1	1790	13.4	0.3	18	1	US-08-403-634-25	Sequence 25, App1
c1718	13.4	0.3	16	1	US-08-876-996-12	Sequence 12, App1	1791	13.4	0.3	18	1	US-08-401-013-13	Sequence 19, App1
c1719	13.4	0.3	16	1	US-09-071-845-1548	Sequence 1548, Ap	c1792	13.4	0.3	18	1	US-08-363-585-74	Sequence 74, App1
c1720	13.4	0.3	16	1	US-08-476-423A-56	Sequence 56, App1	1793	13.4	0.3	18	1	US-08-245-295-20	Sequence 20, App1
c1721	13.4	0.3	16	1	US-08-476-423A-78	Sequence 78, App1	1794	13.4	0.3	18	1	US-08-481-130-20	Sequence 20, App1
c1722	13.4	0.3	16	1	US-09-394-457C-4	Sequence 4, App1	1795	13.4	0.3	18	1	US-08-656-984A-20	Sequence 20, App1
c1723	13.4	0.3	16	1	US-09-709-596A-4	Sequence 4, App1	1796	13.4	0.3	18	1	US-08-485-604-20	Sequence 20, App1
c1724	13.4	0.3	16	1	US-09-655-104A-4	Sequence 4, App1	1797	13.4	0.3	18	1	US-08-473-481-11	Sequence 11, App1
c1725	13.4	0.3	16	1	US-09-394-467-4	Sequence 4, App1	c1798	13.4	0.3	18	1	US-08-229-528-22	Sequence 22, App1
c1726	13.4	0.3	16	1	US-09-371-772B-7005	Sequence 7005, Ap	1799	13.4	0.3	18	1	US-08-117-952-532	Sequence 532, App
c1727	13.4	0.3	16	1	US-10-104-818-4	Sequence 4, App1	1800	13.4	0.3	18	1	US-08-487-595-20	Sequence 20, App1
c1728	13.4	0.3	16	1	US-09-765-400-14	Sequence 14, App1	1801	13.4	0.3	18	1	US-08-585-684B-2720	Sequence 2720, Ap
c1729	13.4	0.3	16	1	US-09-705-400-14	Sequence 14, App1	1802	13.4	0.3	18	1	US-08-997-340-30	Sequence 30, App1
c1730	13.4	0.3	16	1	US-09-771-357-71	Sequence 71, App1	c1803	13.4	0.3	18	1	US-09-205-921-32	Sequence 32, App1
c1731	13.4	0.3	16	1	PCT-US94-05700-6	Sequence 6, App1	1804	13.4	0.3	18	1	US-09-165-543-24	Sequence 24, App1
c1732	13.4	0.3	16	1	PCT-US94-05700-8	Sequence 8, App1	1805	13.4	0.3	18	1	US-08-426-570-19	Sequence 19, App1
c1733	13.4	0.3	16	1	PCT-US94-05700-9	Sequence 9, App1	1806	13.4	0.3	18	1	US-09-280-409-115	Sequence 115, App
c1734	13.4	0.3	16	1	PCT-US94-05700-10	Sequence 10, App1	1807	13.4	0.3	18	1	US-08-425-876-19	Sequence 19, App1
c1735	13.4	0.3	16	1	PCT-US94-05700-11	Sequence 11, App1	1808	13.4	0.3	18	1	US-08-426-243-13	Sequence 13, App1
c1736	13.4	0.3	16	1	PCT-US94-05700-12	Sequence 12, App1	1809	13.4	0.3	18	1	US-09-252-329-30	Sequence 30, App1
c1737	13.4	0.3	16	1	PCT-US95-04632-8	Sequence 8, App1	c1810	13.4	0.3	18	1	US-09-213-719-17	Sequence 17, App1
c1738	13.4	0.3	17	1	US-08-055-390-12	Sequence 12, App1	1811	13.4	0.3	18	1	US-08-913-441B-25	Sequence 25, App1
c1739	13.4	0.3	17	1	US-08-758-306-1022	Sequence 1023, Ap	1812	13.4	0.3	18	1	US-09-038-073-2720	Sequence 2720, Ap
c1740	13.4	0.3	17	1	US-08-758-306-1025	Sequence 1025, Ap	1813	13.4	0.3	18	1	US-08-401-632-19	Sequence 19, App1
c1741	13.4	0.3	17	1	US-08-758-306-1203	Sequence 1203, Ap	c1814	13.4	0.3	18	1	US-09-102-528-17	Sequence 17, App1
c1742	13.4	0.3	17	1	US-08-635-820A-2	Sequence 2, App1	c1815	13.4	0.3	18	1	US-09-025-819-27	Sequence 27, App1
c1743	13.4	0.3	17	1	US-08-483-464-1	Sequence 5, App1	1816	13.4	0.3	18	1	US-08-338-352-12	Sequence 12, App1
c1744	13.4	0.3	17	1	US-08-483-464-5	Sequence 5, App1	1817	13.4	0.3	18	1	US-09-630-706-20	Sequence 20, App1
c1745	13.4	0.3	17	1	US-08-985-162-541	Sequence 541, App	1818	13.4	0.3	18	1	US-08-584-040-6218	Sequence 6218, Ap
c1746	13.4	0.3	17	1	US-09-100-104-2	Sequence 2, App1	c1819	13.4	0.3	18	1	US-08-584-040-8356	Sequence 8356, Ap
c1747	13.4	0.3	17	1	US-08-584-040-3911	Sequence 3911, Ap	1820	13.4	0.3	18	1	US-08-584-040-8375	Sequence 8375, Ap
c1748	13.4	0.3	17	1	US-08-584-040-7679	Sequence 7679, Ap	1821	13.4	0.3	18	1	US-09-569-648-7	Sequence 7, App1
c1749	13.4	0.3	17	1	US-09-474-432B-391	Sequence 391, App	1822	13.4	0.3	18	1	US-08-599-738A-11	Sequence 11, App1
c1750	13.4	0.3	17	1	US-09-474-432B-881	Sequence 881, App	1823	13.4	0.3	18	1	US-09-015-188-15	Sequence 15, App1
c1751	13.4	0.3	17	1	US-09-371-772B-1678	Sequence 1678, Ap	c1824	13.4	0.3	18	1	US-09-808-126-27	Sequence 27, App1
c1752	13.4	0.3	17	1	US-09-371-772B-3464	Sequence 3464, Ap	c1825	13.4	0.3	18	1	US-09-803-951-27	Sequence 27, App1
c1753	13.4	0.3	17	1	US-09-476-387-390	Sequence 390, App	1826	13.4	0.3	18	1	US-08-744-481A-33	Sequence 33, App1
c1754	13.4	0.3	17	1	US-09-476-387-880	Sequence 880, App	c1827	13.4	0.3	18	1	US-09-328-174A-43	Sequence 43, App1
c1755	13.4	0.3	17	1	US-09-401-063-541	Sequence 541, App	1828	13.4	0.3	18	1	US-09-920-760-10	Sequence 10, App1
c1756	13.4	0.3	17	1	US-09-827-998-285	Sequence 285, App	1829	13.4	0.3	18	1	US-09-422-978-4736	Sequence 4736, Ap
c1757	13.4	0.3	17	1	US-09-827-998-286	Sequence 286, App	1830	13.4	0.3	18	1	US-09-422-978-4736	Sequence 4736, Ap
c1758	13.4	0.3	17	1	US-09-827-998-287	Sequence 287, App	c1831	13.4	0.3	18	1	US-09-422-978-6026	Sequence 6026, Ap
c1759	13.4	0.3	17	1	US-09-747-391-91	Sequence 91, App1	1832	13.4	0.3	18	1	US-09-387-286-44	Sequence 44, App1
c1760	13.4	0.3	17	1	US-09-866-108A-1349	Sequence 1349, Ap	1833	13.4	0.3	18	1	US-09-371-772B-2980	Sequence 2980, Ap
c1761	13.4	0.3	17	1	US-09-866-108A-1533	Sequence 1533, Ap	c1834	13.4	0.3	18	1	US-09-371-772B-4012	Sequence 4012, Ap
c1762	13.4	0.3	17	1	US-09-866-108A-1534	Sequence 1534, Ap	1835	13.4	0.3	18	1	US-09-371-772B-4031	Sequence 4031, Ap
c1763	13.4	0.3	17	1	US-09-866-108A-1535	Sequence 1535, Ap	c1836	13.4	0.3	18	1	US-09-657-013-93	Sequence 93, App1
c1764	13.4	0.3	17	1	US-09-866-108A-6333	Sequence 6323, Ap	1837	13.4	0.3	18	1	US-10-294-201-11	Sequence 11, App1
c1765	13.4	0.3	17	1	US-09-866-108A-6334	Sequence 6324, Ap	1838	13.4	0.3	19	1	US-08-389-689-53	Sequence 53, App1
c1766	13.4	0.3	17	1	US-09-866-108A-6325	Sequence 6325, Ap	1839	13.4	0.3	19	1	US-08-373-124A-21	Sequence 21, App1
c1767	13.4	0.3	17	1	US-09-866-108A-6702	Sequence 6702, Ap	1840	13.4	0.3	19	1	US-08-466-886-2	Sequence 2, App1
c1768	13.4	0.3	17	1	US-09-866-108A-6705	Sequence 6705, Ap	1841	13.4	0.3	19	1	US-08-435-628-21	Sequence 21, App1
c1769	13.4	0.3	17	1	US-09-866-108A-7084	Sequence 7084, Ap	c1842	13.4	0.3	19	1	US-08-485-689-39	Sequence 39, App1
c1770	13.4	0.3	17	1	US-09-866-108A-7087	Sequence 7087, Ap	c1843	13.4	0.3	19	1	US-08-485-689-83	Sequence 83, App1
c1771	13.4	0.3	17	1	US-09-866-108A-8196	Sequence 8203, Ap	c1844	13.4	0.3	19	1	US-08-476-021A-39	Sequence 39, App1
c1772	13.4	0.3	17	1	US-09-866-108A-8203	Sequence 8203, Ap	c1845	13.4	0.3	19	1	US-08-476-021A-83	Sequence 83, App1
c1773	13.4	0.3	17	1	US-09-866-108A-8276	Sequence 8276, Ap	c1846	13.4	0.3	19	1	US-08-478-608B-39	Sequence 39, App1
c1774	13.4	0.3	17	1	US-09-866-108A-8277	Sequence 8277, Ap	c1847	13.4	0.3	19	1	US-08-478-608B-83	Sequence 83, App1
c1775	13.4	0.3	17	1	US-09-866-108A-8278	Sequence 8278, Ap	1848	13.4	0.3	19	1	US-08-469-461-6	Sequence 6, App1
c1776	13.4	0.3	17	1	US-09-866-108A-8653	Sequence 8653, Ap	1849	13.4	0.3	19	1	US-07-890-609-6	Sequence 6, App1
c1777	13.4	0.3	17	1	US-09-866-108A-8654	Sequence 8654, Ap	1850	13.4	0.3	19	1	US-08-912-277-86	Sequence 86, App1
c1778	13.4	0.3	17	1	US-09-866-108A-8655	Sequence 8655, Ap	1851	13.4	0.3	19	1	US-09-290-449-13	Sequence 13, App1
c1779	13.4	0.3	17	1	US-09-866-108A-9176	Sequence 9176, Ap	1852	13.4	0.3	19	1	US-08-545-809A-80	Sequence 80, App1
c1780	13.4	0.3	17	1	US-09-866-108A-9177	Sequence 9177, Ap	1853	13.4	0.3	19	1	US-08-469-621-2	Sequence 2, App1
c1781	13.4	0.3	17	1	US-09-866-108A-9178	Sequence 9178, Ap	c1854	13.4	0.3	19	1	US-08-476-423A-39	Sequence 39, App1
c1782	13.4	0.3	17	1	US-09-866-108A-10447	Sequence 10447, A	c1855	13.4	0.3	19	1	US-08-476-423A-83	Sequence 83, App1
c1783	13.4	0.3	17	1	US-09-866-108A-10448	Sequence 10448, A	c1856	13.4	0.3	19	1	US-09-366-84-2	Sequence 2, App1
c1784	13.4	0.3	17	1	US-09-763-590-25	Sequence 25, App1	c1857	13.4	0.3	19	1	US-09-078-294-2	Sequence 2, App1
c1785	13.4	0.3	18	1	US-07-999-280A-19	Sequence 19, App1	1858	13.4	0.3	19	1	US-09-247-155-39	Sequence 39, App1

1859	13.4	0.3	19	1	US-09-026-039-86	Sequence 86, Appl	1932	13.4	0.3	20	1	US-09-487-368A-110	Sequence 110, App
1860	13.4	0.3	19	1	US-09-422-978-5041	Sequence 5041, A	1933	13.4	0.3	20	1	US-09-487-368A-216	Sequence 216, App
1861	13.4	0.3	19	1	US-09-422-978-11640	Sequence 11640, A	1934	13.4	0.3	20	1	US-08-943-731-526	Sequence 526, App
1862	13.4	0.3	19	1	US-09-663-600A-39	Sequence 39, Appl	1935	13.4	0.3	20	1	US-08-702-528-61	Sequence 61, Appl
1863	13.4	0.3	19	1	US-09-495-714C-52	Sequence 52, Appl	1936	13.4	0.3	20	1	US-09-193-562D-19	Sequence 19, Appl
1864	13.4	0.3	19	1	US-08-469-630-2	Sequence 2, Appl1	1937	13.4	0.3	20	1	US-09-193-562D-23	Sequence 23, Appl
1865	13.4	0.3	19	1	US-09-696-791-1795	Sequence 1795, Ap	1938	13.4	0.3	20	1	US-09-326-186B-37	Sequence 37, Appl
1866	13.4	0.3	19	1	US-09-696-791-2617	Sequence 2617, Ap	1939	13.4	0.3	20	1	US-09-326-186B-52	Sequence 52, Appl
1867	13.4	0.3	19	1	US-09-696-791-2618	Sequence 2618, Ap	1940	13.4	0.3	20	1	US-09-326-186B-164	Sequence 164, Appl
1868	13.4	0.3	19	1	US-09-696-791-2619	Sequence 2619, Ap	1941	13.4	0.3	20	1	US-09-468-872-72	Sequence 72, Appl
1869	13.4	0.3	19	1	US-09-696-791-3461	Sequence 3461, Ap	1942	13.4	0.3	20	1	US-09-031-962D-6	Sequence 6, Appl1
1870	13.4	0.3	19	1	US-09-696-791-3505	Sequence 3505, Ap	1943	13.4	0.3	20	1	US-09-561-491-52	Sequence 52, Appl
1871	13.4	0.3	19	1	PCT-US91-03680-2	Sequence 2, Appl1	1944	13.4	0.3	20	1	US-09-462-261-36	Sequence 36, Appl
1872	13.4	0.3	20	1	US-08-222-177A-102	Sequence 102, App	1945	13.4	0.3	20	1	US-09-167-109-200	Sequence 200, App
1873	13.4	0.3	20	1	US-08-435-529-2	Sequence 2, Appl1	1946	13.4	0.3	20	1	US-09-851-520-58	Sequence 58, App
1874	13.4	0.3	20	1	US-08-502-185-14	Sequence 14, Appl	1947	13.4	0.3	20	1	US-09-506-073-125	Sequence 125, App
1875	13.4	0.3	20	1	US-08-502-185-15	Sequence 15, Appl	1948	13.4	0.3	20	1	US-09-295-593-4	Sequence 4, Appl1
1876	13.4	0.3	20	1	US-08-398-945-14	Sequence 14, Appl	1949	13.4	0.3	20	1	US-09-702-321-24	Sequence 24, Appl1
1877	13.4	0.3	20	1	US-08-398-945-15	Sequence 15, Appl	1950	13.4	0.3	20	1	US-09-154-750A-1	Sequence 1, Appl1
1878	13.4	0.3	20	1	US-08-501-779-14	Sequence 14, Appl	1951	13.4	0.3	20	1	US-09-658-679A-57	Sequence 57, Appl
1879	13.4	0.3	20	1	US-08-501-779-15	Sequence 15, Appl	1952	13.4	0.3	20	1	US-09-771-530A-1	Sequence 1, Appl1
1880	13.4	0.3	20	1	US-07-915-966C-7	Sequence 7, Appl1	1953	13.4	0.3	20	1	US-09-851-062-75	Sequence 75, Appl
1881	13.4	0.3	20	1	US-08-501-713-14	Sequence 14, Appl	1954	13.4	0.3	20	1	US-09-517-467B-115	Sequence 115, App
1882	13.4	0.3	20	1	US-08-501-713-15	Sequence 15, Appl	1955	13.4	0.3	20	1	US-09-360-416-43	Sequence 43, Appl
1883	13.4	0.3	20	1	US-08-378-860-14	Sequence 14, Appl	1956	13.4	0.3	20	1	US-09-918-686-34	Sequence 34, Appl
1884	13.4	0.3	20	1	US-08-378-860-15	Sequence 15, Appl	1957	13.4	0.3	20	1	US-09-659-845A-122	Sequence 122, App
1885	13.4	0.3	20	1	US-08-501-626-14	Sequence 14, Appl	1958	13.4	0.3	20	1	US-09-844-521-30	Sequence 30, App
1886	13.4	0.3	20	1	US-08-501-626-15	Sequence 15, Appl	1959	13.4	0.3	20	1	US-09-844-521-48	Sequence 48, Appl
1887	13.4	0.3	20	1	US-08-410-779B-78	Sequence 78, Appl	1960	13.4	0.3	20	1	US-09-629-644A-64	Sequence 64, Appl
1888	13.4	0.3	20	1	US-08-501-356-14	Sequence 14, Appl	1961	13.4	0.3	20	1	US-09-629-644A-108	Sequence 108, App
1889	13.4	0.3	20	1	US-08-501-356-15	Sequence 15, Appl	1962	13.4	0.3	20	1	US-09-629-644A-109	Sequence 109, App
1890	13.4	0.3	20	1	US-08-313-185-13	Sequence 13, Appl	1963	13.4	0.3	20	1	US-09-629-644A-110	Sequence 110, App
1891	13.4	0.3	20	1	US-08-910-629A-24	Sequence 24, Appl	1964	13.4	0.3	20	1	US-09-629-644A-216	Sequence 216, App
1892	13.4	0.3	20	1	US-08-487-867-30	Sequence 30, Appl	1965	13.4	0.3	20	1	US-09-961-309-6	Sequence 6, Appl1
1893	13.4	0.3	20	1	US-08-771-182-7	Sequence 7, Appl1	1966	13.4	0.3	20	1	US-09-657-346A-117	Sequence 117, App
1894	13.4	0.3	20	1	US-08-868-982A-36	Sequence 36, Appl	1967	13.4	0.3	20	1	US-09-172-699-10	Sequence 10, App
1895	13.4	0.3	20	1	US-09-289-368-31	Sequence 31, Appl	1968	13.4	0.3	20	1	US-09-422-978-10511	Sequence 5718, Ap
1896	13.4	0.3	20	1	US-08-904-901-96	Sequence 96, Appl	1969	13.4	0.3	20	1	US-09-422-978-10511	Sequence 10511, A
1897	13.4	0.3	20	1	US-09-358-382-11	Sequence 11, Appl	1970	13.4	0.3	20	1	US-09-614-614-27	Sequence 27, Appl
1898	13.4	0.3	20	1	US-08-853-194-7	Sequence 7, Appl1	1971	13.4	0.3	20	1	US-09-705-267A-131	Sequence 131, App
1899	13.4	0.3	20	1	US-08-777-266A-37	Sequence 37, Appl	1972	13.4	0.3	20	1	US-09-705-267A-141	Sequence 141, App
1900	13.4	0.3	20	1	US-08-954-536-4	Sequence 4, Appl1	1973	13.4	0.3	20	1	US-09-198-452A-1583	Sequence 1583, Ap
1901	13.4	0.3	20	1	US-09-249-730-95	Sequence 95, Appl	1974	13.4	0.3	20	1	US-09-198-452A-1331	Sequence 1331, Ap
1902	13.4	0.3	20	1	US-09-082-614A-13	Sequence 13, Appl	1975	13.4	0.3	20	1	US-09-198-452A-3480	Sequence 3480, Ap
1903	13.4	0.3	20	1	US-09-418-641-49	Sequence 49, Appl	1976	13.4	0.3	20	1	US-09-198-452A-4012	Sequence 4012, Ap
1904	13.4	0.3	20	1	US-09-287-796-24	Sequence 24, Appl	1977	13.4	0.3	20	1	US-09-198-452A-4743	Sequence 4743, Ap
1905	13.4	0.3	20	1	US-09-287-796-128	Sequence 128, App	1978	13.4	0.3	20	1	US-09-198-452A-6721	Sequence 6721, Ap
1906	13.4	0.3	20	1	US-08-765-340-89	Sequence 89, Appl	1979	13.4	0.3	20	1	US-09-248-015-74	Sequence 74, Appl
1907	13.4	0.3	20	1	US-09-167-921-14	Sequence 14, Appl	1980	13.4	0.3	20	1	US-09-418-804-1	Sequence 1, Appl1
1908	13.4	0.3	20	1	US-09-428-219-31	Sequence 31, Appl	1981	13.4	0.3	20	1	US-09-843-376-13	Sequence 13, Appl
1909	13.4	0.3	20	1	US-09-490-692-163	Sequence 163, App	1982	13.4	0.3	20	1	US-09-249-247-95	Sequence 95, Appl
1910	13.4	0.3	20	1	US-08-796-101-175	Sequence 175, App	1983	13.4	0.3	20	1	US-09-526-193A-144	Sequence 144, App
1911	13.4	0.3	20	1	US-09-280-805-20	Sequence 20, Appl	1984	13.4	0.3	20	1	US-09-033-936-5	Sequence 5, Appl1
1912	13.4	0.3	20	1	US-09-280-805-243	Sequence 243, App	1985	13.4	0.3	20	1	US-09-860-473-32	Sequence 32, App
1913	13.4	0.3	20	1	US-09-280-805-244	Sequence 244, App	1986	13.4	0.3	20	1	US-09-234-395-322	Sequence 322, App
1914	13.4	0.3	20	1	US-09-517-584A-13	Sequence 13, Appl	1987	13.4	0.3	20	1	US-09-305-928-332	Sequence 332, App
1915	13.4	0.3	20	1	US-09-429-322-20	Sequence 20, Appl	1988	13.4	0.3	20	1	US-10-055-412B-19	Sequence 19, Appl
1916	13.4	0.3	20	1	US-08-979-672-2	Sequence 2, Appl1	1989	13.4	0.3	20	1	US-09-966-451-26	Sequence 26, Appl
1917	13.4	0.3	20	1	US-08-323-743-14	Sequence 14, Appl1	1990	13.4	0.3	20	1	US-09-953-318-139	Sequence 139, App
1918	13.4	0.3	20	1	US-08-205-697A-61	Sequence 61, Appl	1991	13.4	0.3	20	1	US-09-627-465B-10	Sequence 10, Appl1
1919	13.4	0.3	20	1	US-09-130-616-24	Sequence 24, Appl	1992	13.4	0.3	20	1	US-09-329-515A-9	Sequence 9, Appl1
1920	13.4	0.3	20	1	US-09-130-616-128	Sequence 128, App	1993	13.4	0.3	20	1	US-09-865-879-24	Sequence 24, Appl
1921	13.4	0.3	20	1	US-09-313-932-278	Sequence 278, App	1994	13.4	0.3	20	1	US-09-574-779B-22	Sequence 22, Appl
1922	13.4	0.3	20	1	US-09-313-932-293	Sequence 293, App	1995	13.4	0.3	20	1	US-09-574-779B-31	Sequence 31, Appl
1923	13.4	0.3	20	1	US-09-048-810-20	Sequence 20, Appl	1996	13.4	0.3	20	1		
1924	13.4	0.3	20	1	US-09-560-594-22	Sequence 22, Appl	1997	13.4	0.3	20	1		
1925	13.4	0.3	20	1	US-09-487-368A-64	Sequence 64, Appl	1998	13.4	0.3	20	1		
1926	13.4	0.3	20	1	US-09-487-368A-108	Sequence 108, App	1999	13.4	0.3	20	1		
1927	13.4	0.3	20	1	US-09-487-368A-109	Sequence 109, App	2000	13.4	0.3	20	1		
1928	13.4	0.3	20	1			2001	13.4	0.3	20	1		
1929	13.4	0.3	20	1			2002	13.4	0.3	20	1		
1930	13.4	0.3	20	1			2003	13.4	0.3	20	1		
1931	13.4	0.3	20	1			2004	13.4	0.3	20	1		

c2005	13.4	0.3	20	1	US-09-544-398B-292	Sequence 292, App
2006	13.4	0.3	20	1	PCT-US95-02576-61	Sequence 61, Appl
2007	13.4	0.3	20	1	PCT-US95-04477-78	Sequence 78, Appl
c2008	13.4	0.3	20	1	PCT-US96-09358-30	Sequence 30, Appl
2009	13.4	0.3	20	1	PCT-US96-09430-3	Sequence 3, Appl1
c2010	13.4	0.3	24	1	US-09-232-785-357	Sequence 357, App
c2011	13.2	0.3	18	1	US-07-714-687-49	Sequence 49, Appl
c2012	13.2	0.3	18	1	US-08-152-313-51	Sequence 51, Appl
c2013	13.2	0.3	18	1	US-08-359-282-2	Sequence 2, Appl1
c2014	13.2	0.3	18	1	US-08-460-547A-18	Sequence 18, Appl
c2015	13.2	0.3	18	1	US-08-066-325-132	Sequence 132, App
c2016	13.2	0.3	18	1	US-08-250-847B-18	Sequence 18, Appl
2017	13.2	0.3	18	1	US-08-579-223-51	Sequence 51, Appl
c2018	13.2	0.3	18	1	US-08-224-391-49	Sequence 49, Appl
c2019	13.2	0.3	18	1	US-08-484-304-49	Sequence 49, Appl
2020	13.2	0.3	18	1	US-08-742-023-39	Sequence 39, Appl
c2021	13.2	0.3	18	1	US-08-758-306-509	Sequence 509, App
c2022	13.2	0.3	18	1	US-08-311-486C-1060	Sequence 1060, Ap
2023	13.2	0.3	18	1	US-08-311-486C-1080	Sequence 1080, Ap
2024	13.2	0.3	18	1	US-08-311-486C-1089	Sequence 1089, Ap
2025	13.2	0.3	18	1	US-08-117-952-421	Sequence 421, App
c2026	13.2	0.3	18	1	US-08-627-254C-6	Sequence 6, Appl1
c2027	13.2	0.3	18	1	US-08-627-254C-12	Sequence 12, Appl
c2028	13.2	0.3	18	1	US-09-205-922-28	Sequence 28, Appl
c2029	13.2	0.3	18	1	US-09-205-922-38	Sequence 38, Appl
c2030	13.2	0.3	18	1	US-08-463-949A-18	Sequence 18, Appl
2031	13.2	0.3	18	1	US-09-200-141-28	Sequence 28, Appl
c2032	13.2	0.3	18	1	US-08-956-242-10	Sequence 10, Appl
c2033	13.2	0.3	18	1	US-08-857-946-8	Sequence 8, Appl1
c2034	13.2	0.3	18	1	US-09-256-496-74	Sequence 74, Appl
2035	13.2	0.3	18	1	US-09-161-244-29	Sequence 29, Appl
2036	13.2	0.3	18	1	US-09-161-244-41	Sequence 41, Appl
2037	13.2	0.3	18	1	US-09-106-038A-66	Sequence 66, Appl
2038	13.2	0.3	18	1	US-09-205-921-12	Sequence 12, Appl
c2039	13.2	0.3	18	1	US-09-255-888-36	Sequence 36, Appl
c2040	13.2	0.3	18	1	US-08-970-740-8	Sequence 8, Appl1
2041	13.2	0.3	18	1	US-09-161-443-8	Sequence 8, Appl1
2042	13.2	0.3	18	1	US-08-181-664-38	Sequence 38, Appl
c2043	13.2	0.3	18	1	US-09-339-864-20	Sequence 20, Appl
c2044	13.2	0.3	18	1	US-08-757-024-835	Sequence 835, App
c2045	13.2	0.3	18	1	US-08-464-410A-18	Sequence 18, Appl
2046	13.2	0.3	18	1	US-09-255-912-12	Sequence 12, Appl
2047	13.2	0.3	18	1	US-09-255-912-29	Sequence 29, Appl
c2048	13.2	0.3	18	1	US-09-344-520-29	Sequence 29, Appl
c2049	13.2	0.3	18	1	US-09-256-465-43	Sequence 43, Appl
2050	13.2	0.3	18	1	US-09-344-579-45	Sequence 45, Appl
c2051	13.2	0.3	18	1	US-08-850-613A-5	Sequence 5, Appl1
c2052	13.2	0.3	18	1	US-09-339-775-18	Sequence 18, Appl
2053	13.2	0.3	18	1	US-08-968-505-39	Sequence 39, Appl
c2054	13.2	0.3	18	1	US-09-143-212-26	Sequence 26, Appl
c2055	13.2	0.3	18	1	US-09-143-212-45	Sequence 45, Appl
2056	13.2	0.3	18	1	US-09-143-212-48	Sequence 48, Appl
2057	13.2	0.3	18	1	US-09-143-212-69	Sequence 69, Appl
c2058	13.2	0.3	18	1	US-09-143-212-70	Sequence 70, Appl
c2059	13.2	0.3	18	1	US-09-351-215-10	Sequence 10, Appl
2060	13.2	0.3	18	1	US-09-344-521-9	Sequence 9, Appl1
2061	13.2	0.3	18	1	US-09-280-409-142	Sequence 142, App
2062	13.2	0.3	18	1	US-08-832-502-3	Sequence 3, Appl1
c2063	13.2	0.3	18	1	US-09-289-466-32	Sequence 32, Appl
2064	13.2	0.3	18	1	US-09-289-466-50	Sequence 50, Appl
c2065	13.2	0.3	18	1	US-08-663-813A-62	Sequence 62, Appl
c2066	13.2	0.3	18	1	US-09-487-444-26	Sequence 26, Appl
c2067	13.2	0.3	18	1	US-09-193-792-14	Sequence 14, Appl
c2068	13.2	0.3	18	1	US-08-937-063-11	Sequence 11, Appl
2069	13.2	0.3	18	1	US-09-071-433-45	Sequence 45, Appl
c2070	13.2	0.3	18	1	US-09-398-539A-5	Sequence 5, Appl1
2071	13.2	0.3	18	1	US-09-202-316-21	Sequence 21, Appl
2072	13.2	0.3	18	1	US-08-864-61B-8	Sequence 8, Appl1
2073	13.2	0.3	18	1	US-09-218-879-26	Sequence 26, Appl
c2074	13.2	0.3	18	1	US-08-750-088A-25	Sequence 25, Appl
2075	13.2	0.3	18	1	US-09-496-694B-125	Sequence 125, App
c2076	13.2	0.3	18	1	US-08-584-040-6211	Sequence 6211, Ap
c2077	13.2	0.3	18	1	US-08-584-040-6275	Sequence 6275, Ap
2078	13.2	0.3	18	1	US-08-584-040-8292	Sequence 8292, Ap
2079	13.2	0.3	18	1	US-08-584-040-8369	Sequence 8369, Ap
c2080	13.2	0.3	18	1	US-08-679-645-567	Sequence 567, App
2081	13.2	0.3	18	1	US-08-679-645-1169	Sequence 1169, App
2082	13.2	0.3	18	1	US-09-019-793A-103	Sequence 103, Appl
2083	13.2	0.3	18	1	US-09-268-544B-14	Sequence 14, Appl
2084	13.2	0.3	18	1	US-09-305-856B-45	Sequence 45, Appl
2085	13.2	0.3	18	1	US-09-305-856B-75	Sequence 75, Appl
2086	13.2	0.3	18	1	US-09-679-427-26	Sequence 26, Appl
c2087	13.2	0.3	18	1	US-09-920-760-43	Sequence 43, Appl
c2088	13.2	0.3	18	1	US-09-920-760-68	Sequence 68, Appl
2089	13.2	0.3	18	1	US-09-832-382-8	Sequence 8, Appl1
2090	13.2	0.3	18	1	US-09-362-842-50	Sequence 50, Appl
2091	13.2	0.3	18	1	US-09-422-978-4094	Sequence 4094, Ap
c2092	13.2	0.3	18	1	US-09-422-978-4101	Sequence 4101, Ap
c2093	13.2	0.3	18	1	US-09-422-978-5139	Sequence 5139, Ap
2094	13.2	0.3	18	1	US-09-422-978-5294	Sequence 5294, Ap
2095	13.2	0.3	18	1	US-09-422-978-5389	Sequence 5389, Ap
c2096	13.2	0.3	18	1	US-09-422-978-5504	Sequence 5504, Ap
c2097	13.2	0.3	18	1	US-09-422-978-7019	Sequence 7019, Ap
c2098	13.2	0.3	18	1	US-09-422-978-8685	Sequence 8685, Ap
2099	13.2	0.3	18	1	US-09-422-978-9386	Sequence 9386, Ap
c2100	13.2	0.3	18	1	US-09-422-978-10946	Sequence 10946, A
2101	13.2	0.3	18	1	US-09-374-712A-8	Sequence 8, Appl1
2102	13.2	0.3	18	1	US-08-780-562-16	Sequence 16, Appl
c2103	13.2	0.3	18	1	US-09-060-299-321	Sequence 321, App
c2104	13.2	0.3	18	1	US-09-402-922A-321	Sequence 321, App
c2105	13.2	0.3	18	1	US-09-371-772B-2973	Sequence 2973, Ap
c2106	13.2	0.3	18	1	US-09-371-772B-3033	Sequence 3033, Ap
2107	13.2	0.3	18	1	US-09-371-772B-3950	Sequence 3950, Ap
2108	13.2	0.3	18	1	US-09-371-772B-4025	Sequence 4025, Ap
2109	13.2	0.3	18	1	US-09-640-198D-22	Sequence 22, Appl
c2110	13.2	0.3	18	1	US-09-722-312-25	Sequence 25, Appl
2111	13.2	0.3	18	1	US-09-639-667-18	Sequence 18, Appl
c2112	13.2	0.3	18	1	US-09-823-549-29	Sequence 29, Appl
c2113	13.2	0.3	18	1	US-10-037-616-17	Sequence 17, Appl
2114	13.2	0.3	18	1	US-09-856-662-6	Sequence 6, Appl1
c2115	13.2	0.3	18	1	US-09-500-700-62	Sequence 62, Appl
c2116	13.2	0.3	18	1	PCT-US93-0066-2	Sequence 2, Appl1
c2117	13.2	0.3	18	1	PCT-US93-1260-28	Sequence 28, Appl
c2118	13.2	0.3	18	1	PCT-US94-06066-18	Sequence 18, Appl
2119	13.2	0.3	18	1	PCT-US94-12947A-51	Sequence 51, Appl
2120	13.2	0.3	19	1	US-08-031-143B-26	Sequence 26, Appl
c2121	13.2	0.3	19	1	US-08-388-381-23	Sequence 23, Appl
2122	13.2	0.3	19	1	US-08-235-503B-18	Sequence 18, Appl
2123	13.2	0.3	19	1	US-08-676-279-23	Sequence 23, Appl
2124	13.2	0.3	19	1	US-08-263-911-18	Sequence 18, Appl
2125	13.2	0.3	19	1	US-08-696-900-2	Sequence 2, Appl1
c2126	13.2	0.3	19	1	US-08-757-024-822	Sequence 822, App
c2127	13.2	0.3	19	1	US-08-757-024-834	Sequence 834, App
c2128	13.2	0.3	19	1	US-08-765-628-23	Sequence 23, Appl
2129	13.2	0.3	19	1	US-09-342-479-2	Sequence 2, Appl1
2130	13.2	0.3	19	1	US-08-811-463-17	Sequence 17, Appl
2131	13.2	0.3	19	1	US-09-503-505A-9	Sequence 9, Appl1
2132	13.2	0.3	19	1	US-09-549-853-10	Sequence 10, Appl
2133	13.2	0.3	19	1	US-09-613-444-11	Sequence 11, Appl
2134	13.2	0.3	19	1	US-09-651-378A-11	Sequence 11, Appl
c2135	13.2	0.3	19	1	US-09-216-393B-323	Sequence 323, App
c2136	13.2	0.3	19	1	US-09-422-978-4520	Sequence 4520, Ap
2137	13.2	0.3	19	1	US-09-422-978-6356	Sequence 6356, Ap
c2138	13.2	0.3	19	1	US-09-422-978-6687	Sequence 6687, Ap
c2139	13.2	0.3	19	1	US-09-422-978-7772	Sequence 7772, Ap
c2140	13.2	0.3	19	1	US-09-422-978-8297	Sequence 8297, Ap
2141	13.2	0.3	19	1	US-09-422-978-8498	Sequence 8498, Ap
2142	13.2	0.3	19	1	US-09-422-978-9747	Sequence 9747, Ap
2143	13.2	0.3	19	1	US-09-422-978-10626	Sequence 10626, A
2144	13.2	0.3	19	1	US-09-422-978-11145	Sequence 11145, A
c2145	13.2	0.3	19	1	US-09-700-486-3	Sequence 3, Appl1
c2146	13.2	0.3	19	1	US-09-672-717-37	Sequence 37, Appl
c2147	13.2	0.3	19	1	US-09-672-717-214	Sequence 214, App
2148	13.2	0.3	19	1	US-09-544-398B-208	Sequence 208, App
c2149	13.2	0.3	19	1	US-09-696-791-46	Sequence 46, Appl
c2150	13.2	0.3	19	1	US-09-696-791-707	Sequence 707, App

2151	13.2	0.3	19	1	US-09-696-791-894	Sequence 894, App	2224	13.2	0.3	20	1	US-08-435-529-27	Sequence 27, Appl
2152	13.2	0.3	19	1	US-09-696-791-1032	Sequence 1032, Ap	2225	13.2	0.3	20	1	US-08-457-648-143	Sequence 143, App
2153	13.2	0.3	19	1	US-09-696-791-1121	Sequence 1121, Ap	2226	13.2	0.3	20	1	US-08-457-648-144	Sequence 144, App
2154	13.2	0.3	19	1	US-09-696-791-1133	Sequence 1133, Ap	2227	13.2	0.3	20	1	US-08-158-189-48	Sequence 48, Appl
2155	13.2	0.3	19	1	US-09-696-791-1209	Sequence 1209, Ap	2228	13.2	0.3	20	1	US-08-335-116A-5	Sequence 5, Appl1
2156	13.2	0.3	19	1	US-09-696-791-1241	Sequence 1241, Ap	2229	13.2	0.3	20	1	US-08-290-936-9	Sequence 9, Appl1
2157	13.2	0.3	19	1	US-09-696-791-1843	Sequence 1843, Ap	2230	13.2	0.3	20	1	US-08-290-936-16	Sequence 16, Appl1
2158	13.2	0.3	19	1	US-09-696-791-1844	Sequence 1844, Ap	2231	13.2	0.3	20	1	US-08-379-072A-7	Sequence 7, Appl1
2159	13.2	0.3	19	1	US-09-696-791-1853	Sequence 1853, Ap	2232	13.2	0.3	20	1	US-08-547-182-8	Sequence 8, Appl1
2160	13.2	0.3	19	1	US-09-696-791-1877	Sequence 1877, Ap	2233	13.2	0.3	20	1	US-08-547-182-8	Sequence 8, Appl1
2161	13.2	0.3	19	1	US-09-696-791-1934	Sequence 1934, Ap	2234	13.2	0.3	20	1	US-08-445-751A-3	Sequence 3, Appl1
2162	13.2	0.3	19	1	US-09-696-791-2101	Sequence 2101, Ap	2235	13.2	0.3	20	1	US-08-363-556-37	Sequence 53, Appl1
2163	13.2	0.3	19	1	US-09-696-791-2102	Sequence 2102, Ap	2236	13.2	0.3	20	1	US-08-481-866-7	Sequence 7, Appl1
2164	13.2	0.3	19	1	US-09-696-791-2169	Sequence 2169, Ap	2237	13.2	0.3	20	1	US-08-462-305-15	Sequence 15, Appl1
2165	13.2	0.3	19	1	US-09-696-791-2399	Sequence 2399, Ap	2238	13.2	0.3	20	1	US-08-445-751A-2	Sequence 2, Appl1
2166	13.2	0.3	19	1	US-09-696-791-2946	Sequence 2946, Ap	2239	13.2	0.3	20	1	US-08-445-751A-3	Sequence 3, Appl1
2167	13.2	0.3	19	1	US-09-696-791-3247	Sequence 3247, Ap	2240	13.2	0.3	20	1	US-08-089-996-8	Sequence 8, Appl1
2168	13.2	0.3	19	1	US-09-696-791-3248	Sequence 3248, Ap	2241	13.2	0.3	20	1	US-08-389-067-10	Sequence 10, Appl1
2169	13.2	0.3	19	1	US-09-696-791-3426	Sequence 3426, Ap	2242	13.2	0.3	20	1	US-08-446-660-11	Sequence 11, Appl1
2170	13.2	0.3	19	1	US-09-696-791-3506	Sequence 3506, Ap	2243	13.2	0.3	20	1	US-08-476-349A-3	Sequence 3, Appl1
2171	13.2	0.3	19	1	US-09-696-791-3553	Sequence 3553, Ap	2244	13.2	0.3	20	1	US-08-476-237-3	Sequence 3, Appl1
2172	13.2	0.3	19	1	US-09-696-791-3887	Sequence 3887, Ap	2245	13.2	0.3	20	1	US-08-750-523-15	Sequence 15, Appl1
2173	13.2	0.3	19	1	PCT-US94-02891-26	Sequence 26, Appl	2246	13.2	0.3	20	1	US-08-630-592-21	Sequence 21, Appl
2174	13.2	0.3	19	1	PCT-US95-05265-18	Sequence 18, Appl	2247	13.2	0.3	20	1	US-08-531-556-110	Sequence 110, App
2175	13.2	0.3	19	1	PCT-US95-08605-23	Sequence 23, Appl	2248	13.2	0.3	20	1	US-08-714-993-21	Sequence 21, Appl
2176	13.2	0.3	20	1	US-08-250-856A-27	Sequence 27, Appl	2249	13.2	0.3	20	1	US-08-774-128-74	Sequence 74, Appl
2177	13.2	0.3	20	1	US-08-468-037A-13	Sequence 13, Appl	2250	13.2	0.3	20	1	US-08-835-770-14	Sequence 14, Appl
2178	13.2	0.3	20	1	US-08-471-973A-13	Sequence 13, Appl	2251	13.2	0.3	20	1	US-08-628-731-14	Sequence 14, Appl
2179	13.2	0.3	20	1	US-08-756-806A-27	Sequence 27, Appl	2252	13.2	0.3	20	1	US-08-630-363-2	Sequence 2, Appl1
2180	13.2	0.3	20	1	US-08-465-080-13	Sequence 13, Appl	2253	13.2	0.3	20	1	US-08-630-363-3	Sequence 3, Appl1
2181	13.2	0.3	20	1	US-09-035-357-13	Sequence 13, Appl	2254	13.2	0.3	20	1	US-08-430-813-7	Sequence 7, Appl1
2182	13.2	0.3	20	1	US-09-143-214-27	Sequence 27, Appl	2255	13.2	0.3	20	1	US-08-257-966B-18	Sequence 18, Appl
2183	13.2	0.3	20	1	US-09-000-136-13	Sequence 13, Appl	2256	13.2	0.3	20	1	US-08-457-273B-11	Sequence 11, Appl
2184	13.2	0.3	20	1	US-09-135-202-13	Sequence 13, Appl	2257	13.2	0.3	20	1	US-08-117-952-232	Sequence 232, App
2185	13.2	0.3	20	1	US-09-506-073-28	Sequence 28, Appl	2258	13.2	0.3	20	1	US-08-117-952-487	Sequence 487, App
2186	13.2	0.3	20	1	US-08-802-331-13	Sequence 13, Appl	2259	13.2	0.3	20	1	US-08-117-952-637	Sequence 627, App
2187	13.2	0.3	20	1	US-09-389-283-13	Sequence 13, Appl	2260	13.2	0.3	20	1	US-08-117-952-730	Sequence 730, App
2188	13.2	0.3	20	1	PCT-US95-07111A-27	Sequence 27, Appl	2261	13.2	0.3	20	1	US-08-578-551-21	Sequence 21, Appl
2189	13.2	0.3	20	1	US-08-889-296A-20	Sequence 20, Appl	2262	13.2	0.3	20	1	US-08-470-426B-25	Sequence 25, Appl
2190	13.2	0.3	20	1	US-08-848-840A-20	Sequence 20, Appl	2263	13.2	0.3	20	1	US-08-173-489C-41	Sequence 41, Appl
2191	13.2	0.3	20	1	US-08-961-469A-28	Sequence 28, Appl	2264	13.2	0.3	20	1	US-08-173-489C-41	Sequence 241, App
2192	13.2	0.3	20	1	US-09-128-494-20	Sequence 20, Appl	2265	13.2	0.3	20	1	US-08-690-734A-59	Sequence 59, Appl
2193	13.2	0.3	20	1	US-09-248-386-20	Sequence 20, Appl	2266	13.2	0.3	20	1	US-08-613-417A-15	Sequence 15, Appl
2194	13.2	0.3	20	1	US-09-575-554-20	Sequence 20, Appl	2267	13.2	0.3	20	1	US-08-910-629A-32	Sequence 32, Appl
2195	13.2	0.3	20	1	US-08-478-178A-113	Sequence 113, App	2268	13.2	0.3	20	1	US-08-478-178A-8	Sequence 8, Appl1
2196	13.2	0.3	20	1	US-08-488-177-113	Sequence 113, App	2269	13.2	0.3	20	1	US-08-488-177-8	Sequence 8, Appl1
2197	13.2	0.3	20	1	US-08-481-072A-113	Sequence 113, App	2270	13.2	0.3	20	1	US-08-481-072A-8	Sequence 8, Appl1
2198	13.2	0.3	20	1	US-08-664-336-113	Sequence 113, App	2271	13.2	0.3	20	1	US-08-664-336-8	Sequence 8, Appl1
2199	13.2	0.3	20	1	US-08-481-066A-113	Sequence 113, App	2272	13.2	0.3	20	1	US-08-529-878B-11	Sequence 11, Appl
2200	13.2	0.3	20	1	US-08-578-615A-72	Sequence 72, Appl	2273	13.2	0.3	20	1	US-08-256-426B-179	Sequence 179, App
2201	13.2	0.3	20	1	US-08-578-615A-73	Sequence 73, Appl	2274	13.2	0.3	20	1	US-08-256-426B-179	Sequence 8, Appl
2202	13.2	0.3	20	1	US-08-829-637A-113	Sequence 113, App	2275	13.2	0.3	20	1	US-08-481-066A-8	Sequence 8, Appl1
2203	13.2	0.3	20	1	US-09-439-261-55	Sequence 55, Appl	2276	13.2	0.3	20	1	US-08-786-527A-3	Sequence 3, Appl1
2204	13.2	0.3	20	1	US-10-025-139-113	Sequence 113, App	2277	13.2	0.3	20	1	US-08-988-982A-32	Sequence 32, Appl
2205	13.2	0.3	20	1	PCT-US94-07770-72	Sequence 72, Appl	2278	13.2	0.3	20	1	US-08-334-343-4	Sequence 4, Appl1
2206	13.2	0.3	20	1	PCT-US94-07770-73	Sequence 73, Appl	2279	13.2	0.3	20	1	US-08-501-966-38	Sequence 38, Appl
2207	13.2	0.3	20	1	US-07-805-123C-14	Sequence 14, Appl	2280	13.2	0.3	20	1	US-08-743-637B-05	Sequence 205, App
2208	13.2	0.3	20	1	US-07-889-651-11	Sequence 11, Appl	2281	13.2	0.3	20	1	US-08-476-866-13	Sequence 13, Appl
2209	13.2	0.3	20	1	US-07-890-719-2	Sequence 2, Appl1	2282	13.2	0.3	20	1	US-08-480-655-2	Sequence 2, Appl1
2210	13.2	0.3	20	1	US-08-178-606-13	Sequence 13, Appl	2283	13.2	0.3	20	1	US-09-289-366-12	Sequence 12, Appl
2211	13.2	0.3	20	1	US-08-033-081B-23	Sequence 23, Appl	2284	13.2	0.3	20	1	US-09-289-366-30	Sequence 30, Appl
2212	13.2	0.3	20	1	US-08-116-534A-6	Sequence 6, Appl1	2285	13.2	0.3	20	1	US-09-289-366-74	Sequence 74, Appl
2213	13.2	0.3	20	1	US-08-136-811-14	Sequence 14, Appl1	2286	13.2	0.3	20	1	US-09-190-982-21	Sequence 21, Appl
2214	13.2	0.3	20	1	US-08-031-143B-56	Sequence 56, Appl	2287	13.2	0.3	20	1	US-08-904-901-133	Sequence 133, App
2215	13.2	0.3	20	1	US-08-474-542A-143	Sequence 143, App	2288	13.2	0.3	20	1	US-08-904-901-133	Sequence 139, App
2216	13.2	0.3	20	1	US-08-474-542A-144	Sequence 144, App	2289	13.2	0.3	20	1	US-08-594-452-15	Sequence 15, Appl
2217	13.2	0.3	20	1	US-08-107-684B-31	Sequence 31, Appl	2290	13.2	0.3	20	1	US-08-589-933-30	Sequence 30, Appl
2218	13.2	0.3	20	1	US-07-977-284A-81	Sequence 81, Appl	2291	13.2	0.3	20	1	US-08-650-766-8	Sequence 8, Appl1
2219	13.2	0.3	20	1	US-07-977-284A-179	Sequence 179, App	2292	13.2	0.3	20	1	US-08-578-615A-8	Sequence 8, Appl1
2220	13.2	0.3	20	1	US-08-308-949A-23	Sequence 23, Appl	2293	13.2	0.3	20	1	US-08-742-185-59	Sequence 59, Appl1
2221	13.2	0.3	20	1	US-08-222-177A-253	Sequence 263, App	2294	13.2	0.3	20	1	US-08-757-024-808	Sequence 808, App
2222	13.2	0.3	20	1	US-08-406-635-6	Sequence 6, Appl1	2295	13.2	0.3	20	1	US-08-757-024-821	Sequence 821, App
2223	13.2	0.3	20	1	US-08-242-403A-74	Sequence 74, Appl	2296	13.2	0.3	20	1	US-08-757-024-833	Sequence 833, App

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c2307	13.2	0.3	20	1	US-08-777-266A-67	Sequence 67, App1
c2308	13.2	0.3	20	1	US-09-166-186-14	Sequence 14, App1
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2466	13.2	0.3	20	1	US-09-792-594-18	Sequence 18, Appl
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2472	13.2	0.3	20	1	US-09-470-443-50	Sequence 50, Appl
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2474	13.2	0.3	20	1	US-09-658-679A-80	Sequence 80, Appl
2475	13.2	0.3	20	1	US-09-676-610B-94	Sequence 94, Appl
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2477	13.2	0.3	20	1	US-09-791-211-67	Sequence 67, Appl
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2483	13.2	0.3	20	1	US-08-520-373D-14	Sequence 14, Appl
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2485	13.2	0.3	20	1	US-09-920-672-86	Sequence 86, Appl
2486	13.2	0.3	20	1	US-09-657-453A-93	Sequence 93, Appl
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2493	13.2	0.3	20	1	US-09-861-159-67	Sequence 67, Appl
2494	13.2	0.3	20	1	US-09-335-594-11	Sequence 11, Appl
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2503	13.2	0.3	20	1	US-09-657-346A-119	Sequence 119, App
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2509	13.2	0.3	20	1	US-09-422-978-9919	Sequence 9919, App
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2511	13.2	0.3	20	1	US-09-422-978-11451	Sequence 11451, A
2512	13.2	0.3	20	1	US-09-230-652-138	Sequence 138, App
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2514	13.2	0.3	20	1	US-09-060-299-126	Sequence 126, App
2515	13.2	0.3	20	1	US-09-060-299-268	Sequence 268, App
2516	13.2	0.3	20	1	US-09-322-624-17	Sequence 17, Appl
2517	13.2	0.3	20	1	US-09-705-262A-168	Sequence 168, App
2518	13.2	0.3	20	1	US-09-402-922A-126	Sequence 126, App
2519	13.2	0.3	20	1	US-09-402-922A-368	Sequence 368, App
2520	13.2	0.3	20	1	US-09-198-452A-1346	Sequence 1346, App
2521	13.2	0.3	20	1	US-09-198-452A-1687	Sequence 1687, App
2522	13.2	0.3	20	1	US-09-198-452A-1804	Sequence 1804, App
2523	13.2	0.3	20	1	US-09-198-452A-2051	Sequence 2001, App
2524	13.2	0.3	20	1	US-09-198-452A-2323	Sequence 2323, App
2525	13.2	0.3	20	1	US-09-198-452A-2464	Sequence 2464, App
2526	13.2	0.3	20	1	US-09-198-452A-2694	Sequence 2694, App
2527	13.2	0.3	20	1	US-09-198-452A-2802	Sequence 2802, App
2528	13.2	0.3	20	1	US-09-198-452A-3906	Sequence 3906, App
2529	13.2	0.3	20	1	US-09-198-452A-4216	Sequence 4216, App
2530	13.2	0.3	20	1	US-09-198-452A-4346	Sequence 3436, App
2531	13.2	0.3	20	1	US-09-198-452A-4574	Sequence 3679, App
2532	13.2	0.3	20	1	US-09-198-452A-4946	Sequence 4946, App
2533	13.2	0.3	20	1	US-09-198-452A-5011	Sequence 5011, App
2534	13.2	0.3	20	1	US-09-198-452A-5105	Sequence 5105, App
2535	13.2	0.3	20	1	US-09-198-452A-5277	Sequence 5277, App
2536	13.2	0.3	20	1	US-09-198-452A-5363	Sequence 5363, App
2537	13.2	0.3	20	1	US-09-198-452A-5486	Sequence 5486, App
2538	13.2	0.3	20	1	US-09-198-452A-5508	Sequence 5508, App
2539	13.2	0.3	20	1	US-09-198-452A-5744	Sequence 5744, App
2540	13.2	0.3	20	1	US-09-198-452A-6250	Sequence 6250, App
2541	13.2	0.3	20	1	US-09-198-452A-6350	Sequence 6350, App
2542	13.2	0.3	20	1	US-09-808-358-9	Sequence 9, Appl
2543	13.2	0.3	20	1	US-09-808-358-21	Sequence 21, Appl
2544	13.2	0.3	20	1	US-09-686-058A-44	Sequence 44, Appl
2545	13.2	0.3	20	1	US-09-843-376-31	Sequence 31, Appl
2546	13.2	0.3	20	1	US-09-922-146-20	Sequence 20, Appl
2547	13.2	0.3	20	1	US-09-922-146-34	Sequence 34, Appl
2548	13.2	0.3	20	1	US-09-922-146-40	Sequence 40, Appl
2549	13.2	0.3	20	1	US-09-679-299A-109	Sequence 109, App
2550	13.2	0.3	20	1	US-09-331-568A-21	Sequence 21, Appl
2551	13.2	0.3	20	1	US-09-702-083-11	Sequence 11, Appl
2552	13.2	0.3	20	1	US-09-903-413-10	Sequence 10, Appl
2553	13.2	0.3	20	1	US-09-249-247-139	Sequence 139, App
2554	13.2	0.3	20	1	US-09-249-247-185	Sequence 185, App
2555	13.2	0.3	20	1	US-09-249-247-204	Sequence 204, App
2556	13.2	0.3	20	1	US-09-081-385-111	Sequence 111, App
2557	13.2	0.3	20	1	US-09-081-385-117	Sequence 117, App
2558	13.2	0.3	20	1	US-09-081-385-130	Sequence 130, App
2559	13.2	0.3	20	1	US-09-081-385-139	Sequence 139, App
2560	13.2	0.3	20	1	US-08-944-410-14	Sequence 14, Appl
2561	13.2	0.3	20	1	US-09-624-945-6	Sequence 6, Appl
2562	13.2	0.3	20	1	US-09-112-580-145	Sequence 145, App
2563	13.2	0.3	20	1	US-09-112-580-157	Sequence 157, App
2564	13.2	0.3	20	1	US-09-112-580-182	Sequence 182, App
2565	13.2	0.3	20	1	US-09-112-580-228	Sequence 228, App
2566	13.2	0.3	20	1	US-10-027-983-53	Sequence 53, App
2567	13.2	0.3	20	1	US-10-027-983-80	Sequence 80, Appl
2568	13.2	0.3	20	1	US-10-027-983-94	Sequence 94, Appl
2569	13.2	0.3	20	1	US-09-261-104-3	Sequence 3, Appl
2570	13.2	0.3	20	1	US-09-261-104-5	Sequence 5, Appl
2571	13.2	0.3	20	1	US-09-686-597-32	Sequence 32, Appl
2572	13.2	0.3	20	1	US-09-033-936-33	Sequence 33, Appl
2573	13.2	0.3	20	1	US-08-848-631-7	Sequence 7, Appl
2574	13.2	0.3	20	1	US-09-866-028-106	Sequence 106, App
2575	13.2	0.3	20	1	US-09-860-473-46	Sequence 46, App
2576	13.2	0.3	20	1	US-09-908-410-14	Sequence 14, Appl

QY 4408 ATATAGATATATATATATATATATATAT 4439
DB 32 ATATATATATATATATATATATATATATAT 1

RESULT 3
US-09-232-785-365/c
Sequence 365, Application US/09232785
Patent No. 6733965
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echn, Craig, S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USES
FILE REFERENCE: 4481/1818US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 365
LENGTH: 36
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-365

Query Match 0.5%; Score 25.6; DB 1; Length 36;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4408 ATATAGATATATATATATATATATATAT 4439
DB 35 ATATATATATATATATATATATATATATAT 4

RESULT 4
US-09-281-481A-4
Sequence 4, Application US/09281481A
Patent No. 6383747
GENERAL INFORMATION:
APPLICANT: DAWKINS, Roger L. and ABRAHAM, Lawrence J.
TITLE OF INVENTION: GENETIC ANALYSIS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: UNITED STATES OF AMERICA
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/281,481A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/893,971
FILING DATE: 16-JUL-1997
APPLICATION NUMBER: US 232,229
FILING DATE: 29-APR-1994
APPLICATION NUMBER: PK9279 (AU)
FILING DATE: 01-NOV-1991
APPLICATION NUMBER: PCT/AU92/00583
FILING DATE: 30-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGLIO, FRANK S

REFERENCE/DOCKET NUMBER: 9279
TELECOMMUNICATION INFORMATION:
TELEPHONE: +516 742 4343
TELEFAX: +516 742 4366
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-281-481A-4

Query Match 0.5%; Score 24.8; DB 1; Length 30;
Best Local Similarity 92.9%; Pred. No. 12;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCTCTCTCTCTCT 295
DB 2 CTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 29

RESULT 5
US-09-281-481A-2
Sequence 2, Application US/09281481A
Patent No. 6383747
GENERAL INFORMATION:
APPLICANT: DAWKINS, Roger L. and ABRAHAM, Lawrence J.
TITLE OF INVENTION: GENETIC ANALYSIS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: UNITED STATES OF AMERICA
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/281,481A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/893,971
FILING DATE: 16-JUL-1997
APPLICATION NUMBER: US 232,229
FILING DATE: 29-APR-1994
APPLICATION NUMBER: PK9279 (AU)
FILING DATE: 01-NOV-1991
APPLICATION NUMBER: PCT/AU92/00583
FILING DATE: 30-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGLIO, FRANK S
REFERENCE/DOCKET NUMBER: 9279
TELECOMMUNICATION INFORMATION:
TELEPHONE: +516 742 4343
TELEFAX: +516 742 4366
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-281-481A-2

Query Match 0.5%; Score 24.4; DB 1; Length 28;
Best Local Similarity 96.2%; Pred. No. 12;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 270 CTCTCTCTCTTTCCTCTCTCTCTCT 295
|||
db 2 CTCTCTCTCTCTCTCTCTCTCT 27

RESULT 6
US-08-469-802B-28/c

! Sequence 28, Application US/08469802B
! Patent No. 5741645

1 GENERAL INFORMATION:
 2 APPLICANT: Orr, Harry T.
 3 APPLICANT: Ranum, Laura P.W.
 4 APPLICANT: Chung, Ming-Yi
 5 APPLICANT: Zoghibi, Huda Y.
 6 TITLE OF INVENTION: Gene Sequence for Spino cerebellar Ataxia
 7 Patent No. 5741645

NUMBER OF INVENTIONS: type 1 and method for diagnosis
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Muehling, Raasch, Gebhardt & Schwappach, P.A.
STREET: 119 No. 5741645th Fourth Street, Suite 203
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

	0.4%	Score 23.6;	DB 1;	Length 32;
Query Match	86.7%	Pred. No. 25;		
Best Local Similarity	0;	Mismatches	4;	Indels 0;
Matches	26;	Conservative		Gaps 0.
OY	270	CTCTCTCTTTCCTCTCTCTCTCTGCT	299	
Db	31	CTCTCTCTCTCTCTCTCTCTGTATCT	2	

CORRESPONDENCE ADDRESS:
ADDRESSEE: Muelting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 561415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: iam pc compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/267,803B
FILING DATE: 28-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McCormack, Myra H.
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKET NUMBER: 110,00030120
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
TELEFAX: 612-305-1228
INFORMATION FOR SEQ. ID NO.: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
:
US-08-267-803B-46

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Query Match      0.4%: Score 23.6; DB 1; Length 32;
Best Local Similarity 86.7%: Pcore No. 25;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0.
```

RESULT 8
 US-08-418-123A-15
 Sequence 15, Application US/08418123A
 Patent No. 573308
 GENERAL INFORMATION:
 APPLICANT: Kandamalla, Ekambar R.
 APPLICANT: Agrawal, Sudhir
 TITLE OF INVENTION: Integrated Oligonucleotides
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
 STREET: 300 South Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Microsoft Word 7.0 for Windows 95
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/418,123A
 FILING DATE: April 6, 1995
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Greenfield, Michael S.
 REGISTRATION NUMBER: 37,142
 REFERENCE/DOCKET NUMBER: 93,000-E
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312/715-1000
 TELEFAX: 312/715-1234

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ. ID NO.: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-11

Query Match 0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 25;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTCTCTCTCT 293
DB 24 CTCTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 15
US-09-235-614-8/c
Sequence 8, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384
CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
US-09-235-614-8

Query Match 0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 25;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTCTCTCTCT 293
DB 24 CTCTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 16
US-09-235-614-9
Sequence 9, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384

CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA
US-09-235-614-9

Query Match 0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 25;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTCTCTCTCT 293
DB 1 CTCTCTCTCTCTCTCTCTCTCTCTCT 24

RESULT 17
US-09-235-614-10
Sequence 10, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384
CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
US-09-235-614-10

Query Match 0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 45.8%; Pred. No. 25;
Matches 11; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCTCTCTCTCTCT 294
DB 1 UCUCUCUCUCUCUCUCUCUCUCUCUC 24

RESULT 18
US-09-235-614-11/c
Sequence 11, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384
CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474

```

RESULT 22
US-09-487-130-4
: Sequence 4, Application US/09487130
: Patent No. 6362322
: GENERAL INFORMATION:
: APPLICANT: GRAY, DONALD M.
: APPLICANT: HASHEM, GIHAN M.
: TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEEN-PAIRED
: TITLE OF INVENTION: DUPLEX
: FILE REFERENCE: 9156/66385CIP
: CURRENT APPLICATION NUMBER: US/09/487,130
: CURRENT FILING DATE: 2000-01-19
: PRIOR APPLICATION NUMBER: 09/357,424
: PRIOR FILING DATE: 1999-07-20
: NUMBER OF SEQ ID NOS: 17
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 4
: LENGTH: 24
: TYPE: RNA
: ORGANISM: Artificial Sequence
: FEATURE
: OTHER INFORMATION: Description of Artificial Sequence: synthetic

```


REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321 46:
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-46

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 87;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATAATATATATATATATAT 4436
DB 21 AATAATATATATATATATATAT 1

RESULT 36
US-08-639A-78
Sequence 78, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-78

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 87;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4415 TAATATATATATATATATATTA 4435
DB 1 TAATATATATATATATATATTA 21

RESULT 37
US-08-639A-81/C
Sequence 81, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-81

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 87;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4414 ATAATATATATATATATATATA 4434
DB 21 ATAATATATATATATATATATA 1

RESULT 38
US-08-639A-90/C
Sequence 90, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

```
;
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel Wordperfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muehch
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-90
```

```
Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 87;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4415 TAATATATATATATATATATAT 4435
Db 21 TAATATATATATATATATATAT 1
```

```
RESULT 39
US-09-232-785-394/C
; Sequence 394, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 394
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
; US-09-232-785-394
```

```
Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 87;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4414 ATATATATATATATATATATAT 4434
Db 21 ATATATATATATATATATATAT 1
```

```
RESULT 40
US-09-232-785-395/C
; Sequence 395, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USES
```

```
;
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 395
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
; US-09-232-785-395
```

```
Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 87;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4416 AATATATATATATATATATAT 4436
Db 21 AATATATATATATATATATAT 1
```

```
RESULT 41
US-08-339-214-60/C
; Sequence 60, Application US/08339214
; Patent No. 6348334
; GENERAL INFORMATION:
; APPLICANT: Nagata, Shigikazu
; APPLICANT: Suda, Takashi
; APPLICANT: Takahashi, Tomoniro
; APPLICANT: Nakamura, No. 634833410
; TITLE OF INVENTION: A Fas Ligand, A Fragment Thereof and DNA
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,214
; FILING DATE: 10-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-139P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "sense primer 7 synthetic
; DESCRIPTION: DNA"
; ANTI-SENSE: NO
; US-08-339-214-60
```

```
Query Match 0.4%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 1.3e+02;
```

Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 TTCTGCCAGCTCTCTGACGAGTG 1682
|||||
Db 24 TTCTGCCAGCTCTCTGACGAGTG 1

RESULT 42
US-08-927-165A-10/c
; Sequence 10, Application US/08927165A
; Patent No. 6410226
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Holloman, William K.
; APPLICANT: Rice, Michael C.
; APPLICANT: Smith, Sheryl T.
; APPLICANT: Shu, Zhigang
; TITLE OF INVENTION: Mammalian and Human Rec2
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kimeragen, Inc.
; STREET: 300 Pheasant Run
; CITY: Newtown
; STATE: PA
; COUNTRY: USA
; ZIP: 18940
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fastseq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,165A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hansburg, Daniel
; REGISTRATION NUMBER: 36156
; REFERENCE/DOCKET NUMBER: 7991-010-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-504-4444
; TELEFAX: 215-504-4545
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-165A-10

Query Match 0.4%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCT 293
|||||
Db 25 CTCTCTCTCTCTCTCTCTCT 2

RESULT 43
US-08-946-138-1/c
; Sequence 1, Application US/08946138
; Patent No. 6013445
; GENERAL INFORMATION:
; APPLICANT: Glenn Albrecht, Sydney Brenner, David H. Lloyd
; TITLE OF INVENTION: Massively Parallel Signature Sequencing by
; TITLE OF INVENTION: Ligation of Encoded Adaptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/946,138
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/689,587
; FILING DATE: 12-AUG-96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/659,453
; FILING DATE: 06-JUN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 808-1us
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9302
; TELEFAX: (510) 670-9365
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-946-138-1

Query Match 0.4%; Score 18.8; DB 1; Length 28;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 276 CTCTTCTCTCTCTCTCTCTTG 297
|||||
Db 28 CTCTCTCTCTCTCTCTCTAG 7

RESULT 44
US-09-225-652-1/c
; Sequence 1, Application US/09225652
; Patent No. 6175002
; GENERAL INFORMATION:
; APPLICANT: Robert B. Dubridge, Glen Albrecht, Sydney Brenner,
; APPLICANT: Sergei M. Gvaznov, Sarah N. McCurdy
; TITLE OF INVENTION: Adaptor-Based Sequence Analysis
; Patent No. 6175002
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Denlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,652
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/842,608

FILING DATE: 15-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0033
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-09-225-652-1

Query Match 0.4%; Score 18.8; DB 1; Length 28;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 276 CTCTTCTCTCTCTCTCTCTG 297
Db 28 CTCTCTCTCTCTCTCTCTAG 7

RESULT 45
US-09-866-108A-12694
Sequence 12694, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMTCA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 12694
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-12694

Query Match 0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.9e+02;

Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1663 GCCAGCTCTGCGAGCATGAGAA 1687
Db 1 GCCAGCTTACGAGCATGAGAA 25

RESULT 46
PCT-US91-03680-156/C
Sequence 156, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Krawczyk, Steven
APPLICANT: Matcucci, Mark D.
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 156:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US91-03680-156

Query Match 0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 269 CCTCTCTCTCTCTCTCTCTCT 293
Db 25 CTCTCTCTCTCTCTCTCTCTCT 1

RESULT 47
US-08-004-552-1
Sequence 1, Application US/08004552
Patent No. 5482836
GENERAL INFORMATION:
APPLICANT: Cantor, Charles R.
APPLICANT: Ito, Takashi
APPLICANT: Smith, Cassandra L.
TITLE OF INVENTION: DNA PURIFICATION BY TRIPLEX-AFFINITY
TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Karen S. Smith
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco

STATE: California
COUNTRY: USA
ZIP: CA 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/004,552
FILING DATE: 19930114
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57666/KSS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..20
OTHER INFORMATION: /note= "BNC-20 Oligonucleotide,
US-08-004-552-1
OTHER INFORMATION: biotinylated at 5'-end."

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTC 290
Db 1 TCTCTCTCTCTCTCTCTC 20

RESULT 48
US-08-863-639A-72/c
Sequence 72, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordperfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-72

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCT 289
Db 20 CTCTCTCTCTCTCTCTCT 1

RESULT 49
US-08-863-639A-93
Sequence 93, Application US/08863639A
Patent No. 5981185

GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordperfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-93

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCT 289
Db 1 CTCTCTCTCTCTCTCTCT 20

RESULT 50
US-09-081-385-40
; Sequence 40, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatnaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-081-385-40

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTC 288
DB 1 CCTCTCTCTCTCTCTCTC 20

RESULT 51
US-08-004-552-2
; Sequence 2, Application US/08004552
; Patent No. 5482836
; GENERAL INFORMATION:
; APPLICANT: Cantor, Charles R.
; APPLICANT: Ito, Takashi
; APPLICANT: Smith, Cassandra L.
; TITLE OF INVENTION: DNA PURIFICATION BY TRIPLEX-AFFINITY
; TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Karen S. Smith
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California

COUNTRY: USA
ZIP: CA 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/004,552
FILING DATE: 19930114
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57666/XSS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..27
OTHER INFORMATION: /note= "BamTC oligonucleotide."
US-08-004-552-2

Query Match 0.3%; Score 18.4; DB 1; Length 27;
Best Local Similarity 95.0%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTC 288
DB 8 CCTCTCTCTCTCTCTCTC 27

RESULT 52
US-09-465-589A-7/C
; Sequence 7, Application US/09465589A
; Patent No. 6610481
; GENERAL INFORMATION:
; APPLICANT: KOCH, John E.
; TITLE OF INVENTION: A CASCADE NUCLEIC ACID AMPLIFICATION REACTION
; FILE REFERENCE: 4305/1E293-US2
; CURRENT APPLICATION NUMBER: US/09/465,589A
; CURRENT FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: US 09/091,146
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: PCT/DK96/00513
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: DK 1379/95
; PRIOR FILING DATE: 1995-12-05
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 7
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-465-589A-7

Query Match 0.3%; Score 18.4; DB 1; Length 28;
Best Local Similarity 78.6%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTGC 298
DB 28 TTCTCTCTCTCTCTCTCTCTTC 1

RESULT 53
US-09-465-589A-8
Sequence 8, Application US/09465589A
Patent No. 6610481
GENERAL INFORMATION:
APPLICANT: KOCH, John E.
TITLE OF INVENTION: A CASCADE NUCLEIC ACID AMPLIFICATION REACTION
FILE REFERENCE: 4305/1E293-US2
CURRENT APPLICATION NUMBER: US/09/465,589A
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR FILING DATE: 1996-12-05
PRIOR APPLICATION NUMBER: DK 1379/95
PRIOR FILING DATE: 1995-12-05
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-09-465-589A-8

Query Match 0.3%; Score 18.4; DB 1; Length 28;
Best Local Similarity 78.6%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTCTCTG 298
DB 1 TTCTCTCTCTCTCTCTCTCTCTCTCTTC 28

RESULT 54
US-08-374-144-3/c
Sequence 3, Application US/08374144
Patent No. 5629147
GENERAL INFORMATION:
APPLICANT: Arogenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
TITLE OF INVENTION: Maternal Blood For In Situ Hybridization
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman Wilf & Fried
STREET: 20 West Third Street, P.O. Box 703
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,144
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gerry J. Elman
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M19-085
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-892-9580
TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-374-144-3

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCCCGCCGCCGCTGCC 3940
DB 24 CCGCCGCCCGCCGCCGCCGCCGCC 2

RESULT 55
US-08-775-164-3/c
Sequence 3, Application US/08775164
Patent No. 5766843
GENERAL INFORMATION:
APPLICANT: Arogenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman & Associates
STREET: 20 West Third Street, P.O. Box 1969
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775,164
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Gerry J. Elman
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M19-103
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-892-9580
TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-775-164-3

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGAGCCCGCCGCCGCTGCC 3940
DB 24 CCGCCGCCCGCCGCCGCCGCCGCC 2

RESULT 56
US-08-775-609-3/c
Sequence 3, Application US/08775609
Patent No. 5658649
GENERAL INFORMATION:
APPLICANT: Arogenex, Inc.

```

TITLE OF INVENTION: Enriching and Identifying Fetal Cells
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eiman & Associates
STREET: 20 West Third Street, P.O. Box 1969
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775,609
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gerry J. Eiman
REGISTRATION NUMBER: 24,404
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-892-9580
TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-775-609-3

Query Match      0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3918 CCGAGCGCGCGCGCGCGCTGCC 3940
DB      24 CCGCGCGCGCGCGCGCGCGCGCC 2

RESULT 57
US-08-775-607-3/c
Sequence 3, Application US/08775607
Patent No. 5861253
GENERAL INFORMATION:
APPLICANT: Aptogenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eiman & Associates
STREET: 20 West Third Street, P.O. Box 1969
CITY: Media
STATE: PA
COUNTRY: USA
ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775,607
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gerry J. Eiman
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M19-103

```

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-892-9580
TELEFAX: 610-892-9577
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-775-607-3

Query Match      0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3918 CCGAGCGCGCGCGCGCGCTGCC 3940
DB      24 CCGCGCGCGCGCGCGCGCGCGCC 2

RESULT 58
US-09-866-108A-12692
Sequence 12692, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 12692
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-12692

Query Match      0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```



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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4276

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      769 ACAAGAAGAAAACATGGGCG 789
      |||||
Db      5 ATAGAAGAAAAGATGGGCG 25

RESULT 62
US-09-866-108A-4277
; Sequence 4277, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4277

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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Qy      769 ACAAGAAGAAAACATGGGCG 789
      |||||
Db      4 ATAGAAGAAAAGATGGGCG 24

RESULT 63
US-09-866-108A-4278
; Sequence 4278, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4278

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      769 ACAAGAAGAAAACATGGGCG 789
      |||||
Db      3 ATAGAAGAAAAGATGGGCG 23

RESULT 64
US-09-866-108A-4279
; Sequence 4279, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```



```
/ Patent No. 6667170
/ GENERAL INFORMATION:
/ APPLICANT: M ncy1, Arja
/ APPLICANT: Vehmaanger Jari
/ APPLICANT: Fagerstr m, Richard
/ APPLICANT: Lantto, Railja
/ APPLICANT: Paloheimo, Marja
/ APPLICANT: Suominen, Pirkko
/ APPLICANT: Lahtinen, Tarja
/ TITLE OF INVENTION: Production and Secretion of Proteins of
/ NUMBER OF SEQUENCES: 39
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
/ STREET: 1100 New York Ave., N.W. Suite 600
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: U.S.A.
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Releasee #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/235,832
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/590,563
/ FILING DATE: 26-JAN-1996
/ APPLICATION NUMBER: US 08/468,812
/ FILING DATE: 06-JUN-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/332,412
/ FILING DATE: 31-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/282,001
/ FILING DATE: 29-JUL-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bugaleky, Lawrence B.
/ REGISTRATION NUMBER: 35,086
/ REFERENCE/DOCKET NUMBER: 1050.0340003
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-371-2600
/ TELEFAX: 202-371-2540
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 25 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: both
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 2..25
/ US-09-235-832-11

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 3981 GGGCGGCACTACCGCAGCAACACC 4004
|||
Db 2 GGTCGGCAGACAGCGCAGCAACACC 25
```

```
RESULT 70
US-09-866-108A-12695
/ Sequence 12695, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
```

```
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 12695
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-12695

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 1664 CCAGCTCTGCAGCAGATGAAGA 1687
|||
Db 1 CCAGCTTACGACGAGCTGAAGCA 24
```

```
RESULT 71
US-08-273-146-3
/ Sequence 3, Application US/08273146
/ Patent No. 5855885
/ GENERAL INFORMATION:
/ APPLICANT: Smith, Rodger
/ APPLICANT: McCafferty, John
/ APPLICANT: Chiswell, David
/ APPLICANT: Darsley, Michael J.
/ APPLICANT: Fitzgerald, Kevin
/ APPLICANT: Kenten, John H.
/ APPLICANT: Martin, Mark T.
/ APPLICANT: Tiltman, Richard C.
/ APPLICANT: Williams, Richard O.
/ TITLE OF INVENTION: The Isolation and Production of
/ TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
/ NUMBER OF SEQUENCES: 71
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: IGEN, Inc.
/ STREET: 1530 East Jefferson St.
/ CITY: Rockville
/ STATE: MD
/ COUNTRY: USA
/ ZIP: 20852
/ COMPUTER READABLE FORM:
```


MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
FILING DATE: 14-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
REGISTRATION NUMBER: 33,771
REFERENCE/DOCKET NUMBER: 09000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-984-8000
TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-273-146-3

Query Match 0.3%; Score 17.6; DB 1; Length 27;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2907 CAGCATCTCTATCAGCATCAG 2930
DB 3 CCGCACATCATCATCAGCATCAG 26

RESULT 72
US-08-859-998-1235
Sequence 1235, Application US/08859998
Patent No. 5994076
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jikhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1235:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-08-859-998-1235

Query Match 0.3%; Score 17.6; DB 1; Length 27;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTCGACGATGAGCAAGCAGC 1694
DB 4 CTCGACGATGAGCAAGCAGTTC 27

RESULT 73
US-08-679-645-929
Sequence 929, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwigen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 929:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: The letter "N" stands for any base.

US-08-679-645-929

Query Match 0.3%; Score 17.6; DB 1; Length 27;

Best Local Similarity 44.0%; Pred. No. 3.5e+02;

Matches 11; Conservative 9; Mismatches 5; Indels 0; Gaps 0;

QY 300 TGGTTCTGTATGAGAACTTCTC 324

DB 1 UGCUUCUCUGAGUAAAUCUC 25

RESULT 74

US-09-225-928-1235

Sequence 1235, Application US/09225928

Patent No. 6352829

GENERAL INFORMATION:

APPLICANT: Chenchik, Alex

Jokhadze, George

Bibilashvili, Robert

TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION

NUMBER OF SEQUENCES: 1375

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 2200 Sand Hill Road, Suite 100

CITY: Menlo Park

STATE: CA

COUNTRY: US

ZIP: 94025

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

FILING DATE: 05-Jan-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/859,998

FILING DATE: 21-MAY-1997

ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-322-5070

TELEFAX: 415-854-0875

INFORMATION FOR SEQ ID NO: 1235:

SEQUENCE CHARACTERISTICS:

LENGTH: 27 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

OTHER INFORMATION: oligonucleotide primer

SEQUENCE DESCRIPTION: SEQ ID NO: 1235:

Query Match 0.3%; Score 17.6; DB 1; Length 27;

Best Local Similarity 83.3%; Pred. No. 3.5e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTGCAGCAGATGAGAACAGCAGC 1694

DB 4 CTGAGCAGATGAGAACAGCAGTAC 27

RESULT 75

US-09-225-201B-1235

Sequence 1235, Application US/09225201B

Patent No. 6489455

GENERAL INFORMATION:

APPLICANT: Chenchik, Alex

Jokhadze, George

Bibilashvili, Robert

TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION

NUMBER OF SEQUENCES: 1375

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 2200 Sand Hill Road, Suite 100

CITY: Menlo Park

STATE: CA

COUNTRY: US

ZIP: 94025

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/225,201B

FILING DATE: 05-Jan-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/859,998

FILING DATE: 21-MAY-1997

ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-322-5070

TELEFAX: 415-854-0875

INFORMATION FOR SEQ ID NO: 1235:

SEQUENCE CHARACTERISTICS:

LENGTH: 27 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

OTHER INFORMATION: oligonucleotide primer

SEQUENCE DESCRIPTION: SEQ ID NO: 1235:

Query Match 0.3%; Score 17.6; DB 1; Length 27;

Best Local Similarity 83.3%; Pred. No. 3.5e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1671 CTGCAGCAGATGAGAACAGCAGC 1694

DB 4 CTGAGCAGATGAGAACAGCAGTAC 27

RESULT 76

US-09-254-733-38/C

Sequence 38, Application US/09254733

Patent No. 6277596

GENERAL INFORMATION:

APPLICANT: WATANABE, MANABU

APPLICANT: MORIYA, YATSUKI

APPLICANT: AOYAGI, KAORU

APPLICANT: SUMIDA, NAOMI

APPLICANT: MURAKAMI, TAKESHI

TITLE OF INVENTION: REGULATOR SEQUENCE OF CELLULOSE CBH1 GENES ORIGINATING

TITLE OF INVENTION: IN TRICHODERMA VIRIDE AND SYSTEM FOR MASS-PRODUCING

FILE REFERENCE: 99-0266*/LC(WMC)/00144

CURRENT APPLICATION NUMBER: US/09/254,733

CURRENT FILING DATE: 1999-05-07

NUMBER OF SEQ ID NOS: 52

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 38

LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-254-733-38

Query Match 0.3%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4131 CCACTGACCTCTCCCGG 4149
DB 20 CCACTGATCTCTCCCGG 2

RESULT 77
US-09-866-108A-4281
Sequence 4281, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PCT/US01/00666
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 4281
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-4281

Query Match 0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAGGAAACATGGGCG 789
DB 2 AAGAGGAAACATGGGCG 20

RESULT 78

US-09-866-108A-4282
Sequence 4282, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PCT/US01/00666
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 4282
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-4282

Query Match 0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAGGAAACATGGGCG 789
DB 1 AAGAGGAAACATGGGCG 19

RESULT 79
US-08-727-003A-32
Sequence 32, Application US/08727003A
Patent No. 5804383
GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter, C.
APPLICANT: Dohrman, Auerin F.
TITLE OF INVENTION: A METHOD AND ASSAY FOR
DETECTION OF THE EXPRESSION
OF ALLELE-SPECIFIC MUTATIONS
BY ALLELE-SPECIFIC IN SITU
REVERSE TRANSCRIPTASE
POLYMERASE CHAIN REACTION
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: PETERS, VERNY, JONES & BIK A, L.L.P.
STREET: 385 Sherman Avenue
CITY: Palo Alto
STATE: California

COUNTRY: United States of America
ZIP: 94306-1840
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 Inch, 1.44 Kb storage
COMPUTER: PC
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/727,003A
FILING DATE: October 8, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,234
FILING DATE: October 10, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Hana Verry
REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)324-1677
TELEFAX: (415)324-1678
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic oligonucleotide
US-08-727-003A-32

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.4e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCCCTGAACAGAGT 370
DB 2 CAGAGTACCTGAACAGAGT 23

RESULT 80
US-09-158-863C-53/c
Sequence 53, Application US/09158863C
Patent No. 6280978
GENERAL INFORMATION:
APPLICANT: Mitchell, Lloyd G.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
FILE REFERENCE: 31304-B-A
CURRENT APPLICATION NUMBER: US/09/158,863C
CURRENT FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
PRIOR FILING DATE: 1995-12-07
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: trans-spliced product containing Human chorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
OTHER INFORMATION: diphtheriae diphtheria toxin A sequences
US-09-158-863C-53

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.4e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1952 CATCCACAGCTCTGGAACATC 1973
DB 24 CATCATCAGCCCTGGACATC 3

RESULT 81
US-09-844-525A-4/c
Sequence 4, Application US/09844525A
Patent No. 6468796
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
FILE REFERENCE: RTS-0230
CURRENT APPLICATION NUMBER: US/09/844,525A
CURRENT FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 4
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-844-525A-4

Query Match 0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1219 TATTGACCAGCAGCTCTCC 1240
DB 24 TATTGACCAGCAGCTCTCC 3

RESULT 82
US-10-043-511-9/c
Sequence 9, Application US/10043511
Patent No. 6610492
GENERAL INFORMATION:
APPLICANT: Varigenics, Inc
TITLE OF INVENTION: Base-Modified Nucleotides and Cleavage of Polynucleotides Incorporated
FILE REFERENCE: 270/101
CURRENT APPLICATION NUMBER: US/10/043,511
CURRENT FILING DATE: 2002-04-19
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Fragment obtained from cleavage of sequence in Fig. 7A.
US-10-043-511-9

Query Match 0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4687 GAAGCTGTCTGTCCAGCTTC 4708
DB 22 GAAGCTGTCTGTCCAGCTTC 1

RESULT 83
US-09-866-108A-12691
Sequence 12691, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
US-09-866-108A-12691

```

: APPLICANT: PENN, Sharon G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aecomica Sequence Listing Engine
: Patent No. 6686188
: SEQ ID NO 12691
: LENGTH: 25
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-866-108A-12691
:
: Query Match 0.3%; Score 17.2; DB 1; Length 25;
: Best Local Similarity 86.4%; Pred. No. 3.7e+02;
: Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0.
:
: QY 1663 GCCAGCTCTCTGACGACGATGAA 1684
: ||||| ||||| |||||
: Db 4 GCCAGCTTCAGCAGCAGCTGAA 25
:
: RESULT 84
: US-08-585-888-43
: Sequence 43, Application US/08585888
: Patent No. 5874215
: GENERAL INFORMATION:
: APPLICANT: KUIPER, Martin T.R.
: APPLICANT: ZABEAU, Marc
: APPLICANT: VOS, Pieter
: TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
: NUMBER OF SEQUENCES: 47
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
: STREET: P.O. Box 1404
: CITY: Alexandria
: STATE: Virginia
: COUNTRY: United States
: ZIP: 22313-1404
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/585,888
: FILING DATE: 16-JAN-1996
:

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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95400080.8
FILING DATE: 16-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 010830-097
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-585-888-43

Query Match 0.3%; Score 17; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTGCT 300
|||||
Db 2 TCTCTCTCTCTCTNNNT 21

RESULT 85
US-09-195-991-43
Sequence 43, Application US/09195991
Patent No. 6218119
GENERAL INFORMATION:
APPLICANT: KUIPER, Martin T.R.
APPLICANT: ZABEAU, Marc
APPLICANT: VOS, Pieter
TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/195,991
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,888
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 010830-097
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-195-991-43

```

Query Match 0.3%; Score 17; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCTCTCT 300
DB 2 TCTCTCTCTCTCTCTCTCT 21

RESULT 86
US-09-866-108A-12594
Sequence 12594, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 12594
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-12594

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1221 TTGACCGACGCTCTCCCGGCC 1245
DB 1 TTGACCTGCAGCTGCGCCGCC 25

RESULT 87
US-09-866-108A-12595
Sequence 12595, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 12595
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-12595

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1222 TTGACCGACGCTCTCCCGGCCCT 1246
DB 1 TTGACCTGCAGCTGCGCCGCCCT 25

RESULT 88
US-09-866-108A-12696
Sequence 12696, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12696

Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      1665 CAGCTCTGCGAGCATGAGAACAA 1689
Db      1 GAGCTTCAGCAGCAGCTGAAACAAA 25

RESULT 89
US-09-866-108A-12697
; Sequence 12697: Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```

US-09-866-108A-12697

Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      1666 AGCTCTGCGAGCATGAGAACAA 1690
Db      1 AGCTTCAGCAGCAGCTGAAACAAA 25

RESULT 90
US-09-866-108A-12698
; Sequence 12698: Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12698
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12698

Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      1667 GCTCTGCGAGCATGAGAACAA 1691
Db      1 GCTTCAGCAGCAGCTGAAACAAA 25

RESULT 91
US-09-967-655-6/c
; Sequence 6, Application US/09967655
; Patent No. 6734017
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
```

;; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
;; FILE REFERENCE: RTS-0227
;; CURRENT APPLICATION NUMBER: US/09/967,655
;; CURRENT FILING DATE: 2001-09-28
;; NUMBER OF SEQ ID NOS: 95
;; SEQ ID NO 6
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: PCR Probe
US-09-967-655-6

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 454 CGGTGGTGTGGTCTGGGGGTG 478
DB 25 CGGTGGTGTGTGTGTCATCGGAGTG 1

RESULT 92
PCT-US91-03680-155/c
;; Sequence 155, Application PC/TUS9103680
;; GENERAL INFORMATION:
;; APPLICANT: Matteucci, Mark D.
;; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
;; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
;; NUMBER OF SEQUENCES: 158
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Morrison & Foerster
;; STREET: 545 Middlefield Road, Suite 200
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US91/03680
;; FILING DATE: 19910524
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Murashige, Kate H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 4610-0011.40
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-327-7250
;; TELEFAX: 415-327-2951
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 155:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 25 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
PCT-US91-03680-155

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTCTCTCT 293
DB 25 CTTCCTCTCTCTCTCTCTCTCT 1

RESULT 93
PCT-US91-03680-157/c
;; Sequence 157, Application PC/TUS9103680
;; GENERAL INFORMATION:
;; APPLICANT: Matteucci, Mark D.
;; APPLICANT: Krawczyk, Steven
;; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
;; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
;; TITLE OF INVENTION: DUPLEX DNA
;; NUMBER OF SEQUENCES: 158
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Morrison & Foerster
;; STREET: 545 Middlefield Road, Suite 200
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94025

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US91/03680
;; FILING DATE: 19910524
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Murashige, Kate H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 4610-0011.40
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-327-7250
;; TELEFAX: 415-327-2951
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 157:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 25 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
PCT-US91-03680-157

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTCTCTCT 293
DB 25 CTTCCTCTCTCTCTCTCTCTCTCT 1

RESULT 94
PCT-US91-03680-158/c
;; Sequence 158, Application PC/TUS9103680
;; GENERAL INFORMATION:
;; APPLICANT: Matteucci, Mark D.
;; APPLICANT: Krawczyk, Steven
;; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
;; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
;; NUMBER OF SEQUENCES: 158
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Morrison & Foerster
;; STREET: 545 Middlefield Road, Suite 200
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS

RESULT 96-950-72
US-08-649-950-72
Sequence 72, Application US/08649950
Patent No. 6403303
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
APPLICANT: Leishner, James
APPLICANT: Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE

```

NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,950
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
US-08-649-950-72
Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 32e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4464 ATGTGCCAGTGTGTGCTA 4483
Db 2 ATGTGCCAGACTGTGCTA 21
RESULT 97
US-09-422-978-10216
Sequence 10216, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSPT 020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10216

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/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-10567 for SEQ 2351, in complement
US-09-422-978-10216

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4642 GGCCTTAAGAGCTGAAGAG 4661
Db      1 GGCATTAAAGAGATTGAAGAG 20

RESULT 98
US-09-306-998-43
/ Sequence 43, Application US/09306998
/ Patent No. 6291173
/ GENERAL INFORMATION:
/ APPLICANT: Bartel, Paul L.
/ APPLICANT: Tavligian, Sean V.
/ TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
/ FILE REFERENCE: MMSC2
/ CURRENT APPLICATION NUMBER: US/09/306,998
/ PRIOR FILING DATE: 1999-05-07
/ EARLIER APPLICATION NUMBER: US 60/084,740
/ PRIOR FILING DATE: 1998-05-08
/ NUMBER OF SEQ ID NOS: 72
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-306-998-43

Query Match          0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2890 CTGAGTACCTGCTAGACAG 2909
Db      1 CTGAGTACCTGCTTGAACAG 20

RESULT 99
US-09-086-663A-10
/ Sequence 10, Application US/09086663A
/ Patent No. 6518063
/ GENERAL INFORMATION:
/ APPLICANT: DUCY, PATRICIA
/ APPLICANT: KARSENITY, GERARD
/ TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
/ FILE REFERENCE: UTSC:525
/ CURRENT APPLICATION NUMBER: US/09/086,663A
/ PRIOR FILING DATE: 1998-05-29
/ PRIOR APPLICATION NUMBER: 60/080,189
/ PRIOR FILING DATE: 1998-03-24
/ PRIOR APPLICATION NUMBER: 60/048,430
/ PRIOR FILING DATE: 1997-05-29
/ NUMBER OF SEQ ID NOS: 83
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 10
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-086-663A-10
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Query Match          0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4908 GCAGCCATCACCAGCCACAG 4927
Db      2 GCTGCATCACCAGCCACAG 21

RESULT 100
US-09-475-316A-79
/ Sequence 79, Application US/09475316A
/ Patent No. 6210942
/ GENERAL INFORMATION:
/ APPLICANT: Lewis, No. 6210942man G.
/ APPLICANT: Davin, Laurence B.
/ APPLICANT: Dinkova-Kostova, Albena T.
/ APPLICANT: Fujita, Masayuki
/ APPLICANT: Gang, David R.
/ APPLICANT: Särkenen, Simo
/ APPLICANT: Ford, Joshua D
/ TITLE OF INVENTION: RECOMBINANT PINORESINOL/LARICRESINOL REDUCTASES,
/ FILE REFERENCE: RECOMBINANT DIRIGENT PROTEINS AND METHODS OF USE
/ CURRENT APPLICATION NUMBER: US/09/475,316A
/ PRIOR FILING DATE: 1999-12-30
/ PRIOR APPLICATION NUMBER: 09/307,653
/ PRIOR FILING DATE: 1999-05-07
/ PRIOR APPLICATION NUMBER: PCT/US97/20391
/ PRIOR FILING DATE: 1997-11-07
/ PRIOR APPLICATION NUMBER: 60/054,380
/ PRIOR FILING DATE: 1997-07-31
/ PRIOR APPLICATION NUMBER: 60/030,522
/ PRIOR FILING DATE: 1996-11-08
/ NUMBER OF SEQ ID NOS: 122
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 79
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ NAME/KEY: misc.feature
/ LOCATION: (1)-(125)
/ OTHER INFORMATION: PCR primer CSI-895N
US-09-475-316A-79

Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2779 TGGAGAGTTTGTCAAGACT 2798
Db      5 TGGAGATTGTGTCAAGACT 24

RESULT 101
US-09-704-640-79
/ Sequence 79, Application US/09704640
/ Patent No. 6635459
/ GENERAL INFORMATION:
/ APPLICANT: Lewis, No. 6635459man G.
/ APPLICANT: Davin, Laurence B.
/ APPLICANT: Dinkova-Kostova, Albena T.
/ APPLICANT: Fujita, Masayuki
/ APPLICANT: Gang, David R.
/ APPLICANT: Särkenen, Simo
/ APPLICANT: Ford, Joshua D
/ TITLE OF INVENTION: RECOMBINANT PINORESINOL/LARICRESINOL REDUCTASE,
/ FILE REFERENCE: RECOMBINANT DIRIGENT PROTEIN AND METHODS OF USE
US-09-704-640-79
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; CURRENT APPLICATION NUMBER: US/09/704,640
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: 09/475,316
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/307,653
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: PCT/US97/20391
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/054,380
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: 60/030,522
; PRIOR FILING DATE: 1996-11-08
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 79
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; NAME/KEY: misc_feature
; LOCATION: (1)..(25)
; OTHER INFORMATION: PCR primer CS1-895N
; US-09-704-640-79

Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2779 TGGAGAGTTTGTCTCAAGAGT 2798
Db      5 TGGAGATTGTTCACAGT 24

RESULT 102
US-09-866-108A-4275
; Sequence 4275, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13093
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13093

Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCATCAAGCTTCACAGATC 3889
Db      25 CCATCAAGCTTCACAAATC 6

RESULT 104
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; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4275
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-4275

Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAGAAGGAAAACATGCGG 788
Db      6 ATAGAAGGAAAAGATGCGG 25

RESULT 103
US-09-866-108A-13093/C
; Sequence 13093, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13093
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13093

Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCATCAAGCTTCACAGATC 3889
Db      25 CCATCAAGCTTCACAAATC 6

RESULT 104
```

```
US-09-866-108A-13094/c
; Sequence 13094, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13094
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13094

Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3870 CCCATCAGCCTTCAGATC 3889
Db      24 CCGATCAGCCTTCCAAATC 5

RESULT 105
US-09-866-108A-13095/c
; Sequence 13095, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13095
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13095

Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3870 CCCATCAGCCTTCAGATC 3889
Db      23 CCGATCAGCCTTCCAAATC 4

RESULT 106
US-09-866-108A-13096/c
; Sequence 13096, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13096
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13096

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCAGATC 3889
DB 22 CCGATCAGCCTTCAGATC 3

RESULT 107
US-09-866-108A-13097/C
Sequence 13097, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13097
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13097

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCAGATC 3889
DB 21 CCGATCAGCCTTCAGATC 2

RESULT 108

US-09-866-108A-13098/C
Sequence 13098, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13098
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13098

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCAGATC 3889
DB 20 CCGATCAGCCTTCAGATC 1

RESULT 109
US-08-066-325-25
Sequence 25, Application US/08066325
Patent No. 5667967
GENERAL INFORMATION:
APPLICANT: Steinman, Lawrence
APPLICANT: Oksenberg, Jorge
APPLICANT: Bernard, Claude
TITLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKER
NUMBER OF SEQUENCES: 157
CORRESPONDENCE ADDRESS:
ADDRESSER: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/066,325
; FILING DATE: 21-MAY-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 567967lenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
US-08-066-325-25

Query Match      0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4374 AGAAGGAACTGACGCGCGATT 4396
DB      2 AGAGGTAACTGACGCGCAGACT 24

RESULT 110
; US-08-426-792-13
; Sequence 13, Application US/08426792
; Patent No. 573541
; GENERAL INFORMATION:
; APPLICANT: Talchman, Russell S.
; TITLE OF INVENTION: Hematopoietic Cells: Compositions and
; TITLE OF INVENTION: Methods
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,792
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-426-792-13
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Query Match      0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1044 GAGCATCTTAAGCCATCCACGA 1066
DB      1 GAGCATGTGAATGCATCCACGA 23

RESULT 111
; US-08-961-871-5
; Sequence 5, Application US/08961871
; Patent No. 6013858
; GENERAL INFORMATION:
; APPLICANT: Wallace, Douglas C.
; APPLICANT: Graham, Brett H.
; APPLICANT: MacGregor, Grant R.
; TITLE OF INVENTION: Mouse Lacking Heart-Muscle Adenine
; TITLE OF INVENTION: Nucleotide Translocator Protein and Methods
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: Colorado
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,871
; FILING DATE: 31-OCT-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030,017
; FILING DATE: 01-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Barber, Donna M.
; REGISTRATION NUMBER: 33,878
; REFERENCE/DOCKET NUMBER: 78-96
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide."
; HYPOTHETICAL: NO
;
US-08-961-871-5

Query Match      0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3181 AGCACTGGAGAGTCACTAGCAGG 3203
DB      1 AGGATTGGGAGAGCAATAGCAGG 23

RESULT 112
; US-09-165-042-28/c
; Sequence 28, Application US/09165042
; Patent No. 6100077
; GENERAL INFORMATION:
; APPLICANT: Sturley, Stephen L.
;
US-09-165-042-28/c
```

APPLICANT: Oelkers, Peter
TITLE OF INVENTION: ISOLATION OF A GENE ENCODING DIACYLGLYCEROL
FILE REFERENCE: 0575/56331
CURRENT APPLICATION NUMBER: US/09/165,042
CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 28
LENGTH: 24
TYPE: DNA
ORGANISM: human
US-09-165-042-28

Query Match 0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3161 CACCAGCAGCAGCCGATGAGC 3183
Db 23 CACCATCCAGACTCCATGAGC 1

RESULT 113
US-08-974-549A-435
Sequence 435, Application US/08974549A
Patent No. 6166178
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Hatley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT
NUMBER OF SEQUENCES: 536
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951

FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17685
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
REFERENCE/DOCKET NUMBER: 015389-002610US
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..25
OTHER INFORMATION: /note="TCPL 62 primer"
US-08-974-549A-435

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 4.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACGAGCGCTCTAGCAGCAGC 4066
Db 1 CCACGAGCTCTTCCAGCAGCAGC 23

RESULT 114
US-08-912-951-202
Sequence 202, Application US/08912951
Patent No. 6475789
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Hatley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 202:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-912-951-202

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 4.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACCAGGCGCTTCTAGCAGGAC 4066
Db 1 CCACCAGCTCCTTCCAGCAGGAC 23

RESULT 115
US-09-402-181B-435
Sequence 435, Application US/09402181B
Patent No. 6610839
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181B
FILING DATE: 29-Sep-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17865
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ausenhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..25
OTHER INFORMATION: /note= "TCPI.62 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 435:
US-09-402-181B-435

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 4.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACCAGGCGCTTCTAGCAGGAC 4066
Db 1 CCACCAGCTCCTTCCAGCAGGAC 23

RESULT 116
US-09-721-456-435
Sequence 435, Application US/09721456
Patent No. 6617110
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-NOV-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..25
OTHER INFORMATION: /note="TCPI.62 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 435:
US-09-721-456-435
Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 4.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Y 4044 CCACGAGGCTCTCAGCAGAC 4066
DB 1 CCACGAGCTCTCAGCAGAC 23
RESULT 117
US-09-866-108A-13559
Sequence 13559: Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO: 13559
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-13559
Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 4.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Y 1588 TGGTGAAGACAGAGAGAG 1610
DB 3 TGGAGAGACCAAGAGAGAG 25
RESULT 118
US-09-866-108A-13560
Sequence 13560: Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13560
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13560

Query Match
Best Local Similarity 82.6%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGTGTGAACAGCAGAGAGAG 1610
DB 2 TGGAGAGAGCCAGAGAGAGAG 24

RESULT 119
US-09-866-108A-13561
/ Sequence 13561, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13561
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13561

Query Match
Best Local Similarity 82.6%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGTGTGAACAGCAGAGAGAG 1610
```

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DB 1 TGGAGAGAGCCAGAGAGAGAG 23

RESULT 120
US-08-885-126-12
/ Sequence 12, Application US/08885126A
/ Patent No. 5955597
/ GENERAL INFORMATION:
/ APPLICANT: Arnold, Lyle J.
/ APPLICANT: Riley, Timothy A.
/ APPLICANT: Reynolds, Mark A.
/ APPLICANT: Schwartz, David A.
/ TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
/ FILE REFERENCE: GENTA_020FM2
/ CURRENT APPLICATION NUMBER: US/08/885,126A
/ CURRENT FILING DATE: 1997-06-30
/ EARLIER APPLICATION NUMBER: 08/343,018
/ EARLIER FILING DATE: 1994-11-21
/ EARLIER APPLICATION NUMBER: 08/154,013
/ EARLIER FILING DATE: 1993-11-16
/ NUMBER OF SEQ ID NOS: 22
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 12
/ LENGTH: 18
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-12

Query Match
Best Local Similarity 44.4%; Score 16.4; DB 1; Length 18;
Matches 8; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTTCTCTCTCT 287
DB 1 CUCUCUCUCUCUCUCUCU 18

RESULT 121
US-08-700-530-3/c
/ Sequence 3, Application US/08700530
/ Patent No. 6316186
/ GENERAL INFORMATION:
/ APPLICANT: EKINS, Roger P
/ TITLE OF INVENTION: Binding assay using binding agents with tail groups
/ FILE REFERENCE: 0380-P0180US0
/ CURRENT APPLICATION NUMBER: US/08/700,530
/ CURRENT FILING DATE: 1996-10-23
/ PRIOR APPLICATION NUMBER: PCT/GB95/00521
/ PRIOR FILING DATE: 1995-03-10
/ PRIOR APPLICATION NUMBER: GB 9404709.9
/ PRIOR FILING DATE: 1994-03-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 3
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
US-08-700-530-3

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 18;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 288
DB 18 TCTCTCTCTCTCTCTCTC 1
```

RESULT 122
US-08-700-530-4
; Sequence 4, Application US/08700530
; Patent No. 6316186
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US0
; CURRENT APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
; PRIOR APPLICATION NUMBER: GB 9404709.9
; PRIOR FILING DATE: 1994-03-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-08-700-530-4

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCT 287
Db 1 CTCTCTCTCTCTCTCT 18

RESULT 123
US-09-232-785-396
; Sequence 396, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echit, Craig, S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USBS
; FILE REFERENCE: 4481/1818US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 396
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-396

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATAATTAATTAATTAAT 4433
Db 1 AATAATTAATTAATTAAT 18

RESULT 124
US-08-223-355-23
; Sequence 23, Application US/08223355
; Patent No. 5854410
; GENERAL INFORMATION:

APPLICANT: Arnold Jr., Lyle J.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
APPLICANT: Daily, William J.
TITLE OF INVENTION: Oligonucleoside Cleavage Compounds and
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 W. Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223,355
FILING DATE: 31-MAR-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 200/069
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 673510
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: Yes
ANTI-SENSE: No
FEATURE:
NAME/KEY: R183
OTHER INFORMATION: target strand
US-08-223-355-23

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 44.4%; Pred. No. 3.5e+02;
Matches 8; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCT 287
Db 2 CUCUCUCUCUCUCUCUCU 19

RESULT 125
US-09-422-978-10860/C
; Sequence 10860, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 10860
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-21502 for SEQ 2995, in complement
US-09-422-978-10860

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1786 TTCTCTCCAGGCGCAG 1803
DB 19 TTCTCTCCAGGCGTCCAG 2

RESULT 126
US-08-472-255A-120
Sequence 120, Application US/08472255A
Patent No. 5766853
GENERAL INFORMATION:
APPLICANT: PARMA, DAVID
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TITLE OF INVENTION: TO SELECTINS (AS AMENDED)
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,255A
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/964,624
FILING DATE: 21-OCTOBER-1992
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3433
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
OTHER INFORMATION: All U's are 2'-NH2 uracil
US-08-472-255A-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACAGAACTCAGTCAGTTA 380
DB 1 AACAGAAAGUAAAGUCARUUA 20

RESULT 127
US-08-479-724A-120
Sequence 120, Application US/08479724A
Patent No. 5780228
GENERAL INFORMATION:
APPLICANT: PARMA, DAVID
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TITLE OF INVENTION: TO LECTINS
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,724A
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/964,624
FILING DATE: 21-OCTOBER-1992
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3433
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
OTHER INFORMATION: All U's are 2'-NH2 uracil
US-08-479-724A-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACAGAACTCAGTCAGTTA 380
DB 1 AACAGAAAGUAAAGUCARUUA 20

RESULT 128
US-08-472-256B-120
; Sequence 120, Application US/08472256B
; Patent No. 6001988
; GENERAL INFORMATION:
; APPLICANT: PARMA, DAVID
; TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
; TITLE OF INVENTION: TO LECTINS
; NUMBER OF SEQUENCES: 177
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
; COMPUTER: IBM pc compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,256B
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714,111
; FILING DATE: 10-JUNE-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/964,624
; FILING DATE: 21-OCTOBER-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; FEATURE:
; OTHER INFORMATION: All C's are 2'-NH2 cytosine
; FEATURE:
; OTHER INFORMATION: All U's are 2'-NH2 uracil
US-08-472-256B-120
Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 361 AACAGGAAGTCAGTCACTTA 380
Db 1 AACAGGAAGTAAGUCARUUA 20
RESULT 129
US-08-952-793-120
; Sequence 120, Application US/08952793
; Patent No. 6280932
; GENERAL INFORMATION:
; APPLICANT: PARMA, et al.
; TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
; TITLE OF INVENTION: TO LECTINS

NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/952,793
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
US-08-952-793-120
Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 3.9e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 361 AACAGGAAGTCAGTCACTTA 380
Db 1 AACAGGAAGTAAGUCARUUA 20
RESULT 130
US-09-849-928-120
; Sequence 120, Application US/09849928
; Patent No. 6544959
; GENERAL INFORMATION:
; APPLICANT: PARMA, et al.
; TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200

CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/849,928
FILING DATE: 04-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/952,793
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-09-849-928-120
Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 21;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 361 AACAGGAGTCACTGACGTTA 380
DB 1 AACAGGAGGUAAGUCARUUA 20
RESULT 131
PCT-US96-09455A-120
Sequence 120, Application PC/TUS9609455A
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID
TITLE OF INVENTION: LIGANDS TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS

SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09455A
FILING DATE: 05 JUNE 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
PCT-US96-09455A-120
Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 21;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 361 AACAGGAGTCACTGACGTTA 380
DB 1 AACAGGAGGUAAGUCARUUA 20
RESULT 132
US-09-268-505B-1
Sequence 1, Application US/09268505B
GENERAL INFORMATION:
APPLICANT: Luo, Jianhua
TITLE OF INVENTION: Method for Enrichment of Unique DNA Fragments
TITLE OF INVENTION: through Cyclical Removal of PCR Adapter Attached to DNA
FILE REFERENCE: 3-11-99
CURRENT APPLICATION NUMBER: US/09/268,505B
CURRENT FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: none
PRIOR FILING DATE: N/A
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Microsoft word
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: synthetic
FEATURE:
NAME/KEY: Hindia
LOCATION:
US-09-268-505B-1
Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 24;
Matches 94.4%; Pred. No. 5e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 5001 CTCCTCAGCTGCTGCC 5018
Db 5 CTCCTCAGCTGCTGCTGAC 22

RESULT 133

US-09-866-108A-4283
Sequence 4283, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MCA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 4283
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-4283

Query Match 0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 772 AGAAGGAAAACATGGGCG 789

Db 1 AGAAGGAAAAGATGGGCG 18

RESULT 134

US-08-863-639A-52
Sequence 52, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-52

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3918 CCGAGCCGCGCGCGCGCTG 3938

Db 1 CCGCGCGCGCGCGCGCGCG 21

RESULT 135
US-08-863-639A-55
Sequence 55, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:

TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-55

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 21;
Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3916 CCGCGCGCGCGCGCGCGCGC 3936
DB 1 CGCGCGCGCGCGCGCGCGC 21

RESULT 136
US-08-639A-56/c
Sequence 56, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-56

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 21;
Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3918 CCGACCGCGCGCGCGCGCGCTG 3938
DB 21 CGCGCGCGCGCGCGCGCGC 1

RESULT 137

US-08-639A-67
Sequence 67, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueh
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-67

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 21;
Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACCGCGCGCGCGCGCGCTGCC 3940
DB 1 GCCGCGCGCGCGCGCGCGC 21

RESULT 138
US-08-639A-68/c
Sequence 68, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95

SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-68

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3916 CCGCGAGCGCGCGCGCGCGC 3936
DB 21 GCGCGCGCGCGCGCGCGCGCGC 1

RESULT 139
US-08-863-639A-71/c
Sequence 71, Application US/08863639A.
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-71

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACGCGCGCGCGCGCGCTGCC 3940
DB 21 GCGCGCGCGCGCGCGCGCGCGC 1

RESULT 140
US-08-416-214A-11/c
Sequence 11, Application US/08416214A
Patent No. 5998596
GENERAL INFORMATION:
APPLICANT: Bergan, Raymond; Neckers, Len
TITLE OF INVENTION: Inhibition Of Protein
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416,214A
FILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Kathryn M.
REGISTRATION NUMBER: 34,556
REFERENCE/DOCKET NUMBER: 2026-4166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
ANTH-SENSE: No
US-08-416-214A-11

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACGCGCGCGCGCGCGCTGCC 3940
DB 21 GCGCGCGCGCGCGCGCGCGCGC 1

RESULT 141
US-09-283-011-30/c
Sequence 30, Application US/09283011
Patent No. 6207401
GENERAL INFORMATION:
APPLICANT: Plovman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/283,011
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/012,135
; FILING DATE: January 22, 1998
; APPLICATION NUMBER: 08/755,728
; FILING DATE: No. 6207401ember 25, 1996
; APPLICATION NUMBER: 60/023,943
; FILING DATE: August 14, 1996
; APPLICATION NUMBER: 60/008,809
; FILING DATE: December 18, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 231/282
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-283-011-30
;
Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY      1139 GAAAGTGAACCACTGCTG 1159
DB      21 GAAAGTGAACCACTGCTG 1
;
RESULT 142
US-09-422-978-4331/C
; Sequence 4331, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4331
; LENGTH: 21
; TYPE: DNA

```

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; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-14651 for SEQ 397,
US-09-422-978-4331
;
Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY      2806 GAGAAATGAAGAGACTG 2826
DB      21 GAGAAATGAAGAGACTG 1
;
RESULT 143
US-09-012-135A-30/C
; Sequence 30, Application US/09012135A
; Patent No. 6716575
; GENERAL INFORMATION:
; APPLICANT: Ploman, Gregory
; APPLICANT: Mosie, Kevin
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/012,135A
; FILING DATE: January 22, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,268
; FILING DATE: January 9, 1998
; APPLICATION NUMBER: 08/755,728
; FILING DATE: No. 6716575ember 25, 1996
; APPLICATION NUMBER: 60/023,943
; FILING DATE: August 14, 1996
; APPLICATION NUMBER: 60/008,809
; FILING DATE: December 18, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 231/282
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-012-135A-30
;
Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 1139 GAAACTGACCACTGCTCTG 1159
Db 21 GAAGTGACCACTCTGCTCTG 1

RESULT 144

US-09-377-285B-50/c
Sequence 50, Application US/09377285B
Patent No. 6720175
GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: MORLEY, Paul
APPLICANT: TU, Jian
APPLICANT: XIAO, Bo
APPLICANT: LEAHY, Daniel
APPLICANT: BENKEN, Jutta
APPLICANT: LANAHAN, Anthony
TITLE OF INVENTION: NUCLEIC ACID MOLECULE ENCODING HOMER 1b PROTEIN (AS AMENDED)
FILE REFERENCE: JHU1580-4
CURRENT APPLICATION NUMBER: US/09/377,285B
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: US 60/138,426
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,493
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/097,334
PRIOR FILING DATE: 1998-08-18
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.0
SEQ ID NO 50
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: oligonucleotide for PCR
US-09-377-285B-50

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3053 GGGGAGATCAAGCTGCAGAC 3073
Db 21 GTGGAGATGACGCTGCAGAC 1

RESULT 145

US-08-592-126-24
Sequence 24, Application US/08592126
Patent No. 5821091
GENERAL INFORMATION:
APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcripts Encoding Immunomodulatory
NUMBER OF SEQUENCES: 151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/592,126
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600-0111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Primer EGR11-6
US-08-592-126-24

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTTCT 283
Db 1 CCACCTCTCTCTCTTCT 21

RESULT 146

US-08-291-011-9/c
Sequence 9, Application US/08291011
Patent No. 5936079
GENERAL INFORMATION:
APPLICANT: Re, Richard N.
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,011
FILING DATE: 15-AUG-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 85152Y
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-291-011-9

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2802 GAAGGAGAAATGAGAGCA 2822
Db 22 GAAGGAGAAATGAGAGCA 2

RESULT 147

US-08-687-080-24
; Sequence 24, Application US/08687080
; Patent No. 5965427
; GENERAL INFORMATION:
; APPLICANT: Gregory Dolganov
; TITLE OF INVENTION: Human RAD50 Gene and Methods of Use Thereof
; NUMBER OF SEQUENCES: 175
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/687,080
; FILING DATE: 17-JUL-1996
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/592,126
; FILING DATE: 26-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0111.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Primer EGR11-6
; US-08-687-080-24

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 263 CCCCCCTCTCTCTCTCTTCT 283
Db 1 CCACCTCTCTCTCTCTCTCT 21

RESULT 148

US-09-266-065-9/c
; Sequence 9, Application US/09266065
; Patent No. 6303328
; GENERAL INFORMATION:
; APPLICANT: Re, Richard N.
; APPLICANT: Cook, Julia
; TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY

; TITLE OF INVENTION: OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: USA
; ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/266,065
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,011
; FILING DATE: 15-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: DIGILIO, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 85152Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TEXT: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-266-065-9

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2802 GAAGGAGAAATGAGAGCA 2822
Db 22 GAAGGAGAAATGAGAGCA 2

RESULT 149

US-09-043-149-7/c
; Sequence 7, Application US/09043149
; Patent No. 6355418
; GENERAL INFORMATION:
; APPLICANT: Schmidt, Gunter
; TITLE OF INVENTION: Chimeric Oligonucleotides and Uses Thereof in the
; FILE REFERENCE: 020600-272
; CURRENT APPLICATION NUMBER: US/09/043,149
; CURRENT FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: PCT/GB96/02275
; PRIOR FILING DATE: 1996-09-13
; PRIOR APPLICATION NUMBER: GB 9518864.5
; PRIOR FILING DATE: 1995-09-14
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-09-043-149-7

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1601 GAAGAGAGAGATCTGCGAA 1621
DB 22 GAAGAGAGAGAGCTGAGAA 2

RESULT 150
US-09-168-595-24
Sequence 24, Application US/09168595
Patent No. 6555666
GENERAL INFORMATION:
APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcripts Encoding Immunomodulatory
TITLE OF INVENTION: Polypeptides
NUMBER OF SEQUENCES: 151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/168,595
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/592,126
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600-0111
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Primer EGR11-6
US-09-168-595-24

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTTCT 283
DB 1 CCACTCTCTCTCTCTCT 21

RESULT 151
US-09-935-247-9/c
Sequence 9, Application US/09935247
Patent No. 6645944
GENERAL INFORMATION:
APPLICANT: Re, Richard N.
Cook, Julia

TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
P53 PROTEIN

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/935,247
FILING DATE: 22-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/266,065
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: DiGirollo, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8515ZY
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-935-247-9

Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAGCA 2822
DB 22 GAAGAGAAATGAGAGCA 2

RESULT 152
US-08-518-862C-9/c
Sequence 9, Application US/0851862C
Patent No. 5843757
GENERAL INFORMATION:
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Nicolaides, Nicholas C.
TITLE OF INVENTION: Human JTV1 Gene Overlaps PMS2 Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington, D.C.
COUNTRY: U.S.A.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/518,862C

FILING DATE: 24-AUG-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-518-862C-9

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2279 CCGTGTGATCTGCTACCTG 2299
DB 23 CCGTGTGAGCTTCCACCTG 3

RESULT 153
US-09-270-957-50/C
Sequence 50, Application US/09270957
Patent No. 6641996
GENERAL INFORMATION:
APPLICANT: Richard A. Jefferson and Jorge E. Mayer
TITLE OF INVENTION: MICROBIAL - GLUCURONIDASE GENES, GENE
FILE REFERENCE: 190106.405C1
CURRENT APPLICATION NUMBER: US/09/270,957
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FaastSeq for Windows Version 4.0
SEQ ID NO 50
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-270-957-50

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5146 CTTTTCACATAGCAGAAAT 5166
DB 21 CTTTTCACATAGCAGAAAT 1

RESULT 154
US-08-104-072B-28/C
Sequence 28, Application US/08104072B
Patent No. 5639948
GENERAL INFORMATION:
APPLICANT: Michiels, Frank
APPLICANT: Moriooka, Shinji
APPLICANT: Scheiflinck, Trees
APPLICANT: Komari, Toshiko
TITLE OF INVENTION: Stamen-specific Promoters from Rice
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Merchant & Gould

STREET: 3100 No. 5639948west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/104,072B
FILING DATE: 05-AUG-1993
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 9200272
FILING DATE: 06-FEB-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91403352.7
FILING DATE: 10-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91402590.3
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91400318.1
FILING DATE: 08-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kowalchuk, Katherine M.
REGISTRATION NUMBER: 36,848
REFERENCE/DOCKET NUMBER: 8076.93USWO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-104-072B-28

Query Match 0.3%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3863 CAAGAGGCCCATCAGCCTTC 3883
DB 23 CAAGAGATCATCAGCCGTC 3

RESULT 155
US-09-176-862-15
Sequence 15, Application US/09176862B
Patent No. 6046319
GENERAL INFORMATION:
APPLICANT: Power, Christopher
APPLICANT: Mayne, Michael B.
TITLE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION
FILE REFERENCE: 3045.00002
CURRENT APPLICATION NUMBER: US/09/176,862B
CURRENT FILING DATE: 1998-10-22
EARLIER APPLICATION NUMBER: 60/062,718
EARLIER FILING DATE: 1997-10-22
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic

US-09-176-862-15

Query Match: 0.3%; Score 16.2; DB 1; Length 24;

Best Local Similarity 85.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1601 GAAGGAGAGATCTCTCGGAA 1621

Db 2 GAAGGAGAGAGCTGAGAA 22

RESULT 156

US-09-439-429-15

; Sequence 15, Application US/09439429

; Patent No. 6737412

; GENERAL INFORMATION:

; APPLICANT: Power, Christopher

; APPLICANT: Mayne, Michael B.

; TITLE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION

; TITLE OF INVENTION: OF TNF-ALPHA

; FILE REFERENCE: 3045.00002

; CURRENT APPLICATION NUMBER: US/09/439,429

; PRIOR FILING DATE: 1999-11-15

; PRIOR APPLICATION NUMBER: 60/062,718

; PRIOR FILING DATE: 1997-10-22

; PRIOR APPLICATION NUMBER: 09/176,862

; NUMBER OF SEQ ID NOS: 33

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 15

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:synthetic

US-09-439-429-15

Query Match: 0.3%; Score 16.2; DB 1; Length 24;

Best Local Similarity 85.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1601 GAAGGAGAGATCTCTCGGAA 1621

Db 2 GAAGGAGAGAGCTGAGAA 22

RESULT 157

US-09-163-162-29/c

; Sequence 29, Application US/09163162

; Patent No. 6077709

; GENERAL INFORMATION:

; APPLICANT: Bennett, C. Frank

; APPLICANT: Ackermann, Elizabeth J.

; APPLICANT: Swayze, Eric E.

; APPLICANT: Cowsett, Lex M.

; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION

; FILE REFERENCE: RTS-0008

; CURRENT APPLICATION NUMBER: US/09/163,162

; CURRENT FILING DATE: 1998-09-29

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 29

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-163-162-29

Query Match: 0.3%; Score 16; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296

Db 17 TCTCTCTCTCTCTT 2

RESULT 158

US-09-286-407-29/c

; Sequence 29, Application US/09286407A

; Patent No. 6165788

; GENERAL INFORMATION:

; APPLICANT: Bennett, C. Frank

; APPLICANT: Ackermann, Elizabeth J.

; APPLICANT: Swayze, Eric E.

; APPLICANT: Cowsett, Lex M.

; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION

; FILE REFERENCE: ISPH-0349

; CURRENT APPLICATION NUMBER: US/09/286,407A

; CURRENT FILING DATE: 1999-04-05

; NUMBER OF SEQ ID NOS: 48

; SEQ ID NO 29

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-286-407-29

Query Match: 0.3%; Score 16; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296

Db 17 TCTCTCTCTCTCTT 2

RESULT 159

US-09-496-694B-38/c

; Sequence 38, Application US/09496694B

; Patent No. 6335194

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Elizabeth J. Ackermann

; APPLICANT: Eric E. Swayze

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION

; FILE REFERENCE: ISPH-0439

; CURRENT APPLICATION NUMBER: US/09/496,694B

; CURRENT FILING DATE: 2000-02-02

; PRIOR APPLICATION NUMBER: 09/286,407

; PRIOR FILING DATE: 1999-04-05

; PRIOR APPLICATION NUMBER: 09/163,162

; PRIOR FILING DATE: 1998-09-29

; NUMBER OF SEQ ID NOS: 249

; SEQ ID NO 38

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-496-694B-38

Query Match: 0.3%; Score 16; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296

Db 17 TCTCTCTCTCTCTT 2

RESULT 160

US-09-496-694B-78/c

; Sequence 78, Application US/09496694B

```
/ Patent No. 6335194
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric E. Swayze
/ APPLICANT: Lex M. Cowseart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0439
/ CURRENT APPLICATION NUMBER: US/09/496,694B
/ CURRENT FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162
/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 249
/ SEQ ID NO 78
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-78
```

```
Query Match          0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      281 TCTCTCTCTCTCTT 296
      |||||
Db      17 TCTCTCTCTCTCTT 2
```

```
RESULT 161
US-09-496-694B-129/c
/ Sequence 129, Application US/09496694B
/ Patent No. 6335194
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric E. Swayze
/ APPLICANT: Lex M. Cowseart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0439
/ CURRENT APPLICATION NUMBER: US/09/496,694B
/ CURRENT FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162
/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 249
/ SEQ ID NO 129
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-129
```

```
Query Match          0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      281 TCTCTCTCTCTCTT 296
      |||||
Db      18 TCTCTCTCTCTCTT 3
```

```
RESULT 162
US-09-489-869-15
/ Sequence 15, Application US/09489869A
/ Patent No. 6268151
/ GENERAL INFORMATION:
/ APPLICANT: Susan Murray
```

```
/ APPLICANT: Lex M. Cowseart
/ APPLICANT: Jacqueline Wyack
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
/ FILE REFERENCE: RTS-0110
/ CURRENT APPLICATION NUMBER: US/09/489,869A
/ CURRENT FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 15
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-15
```

```
Query Match          0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3922 CGCCGCGCGCGCGCT 3937
      |||||
Db      5 CGCCGCGCGCGCGCT 20
```

```
RESULT 163
US-08-585-888-44/c
/ Sequence 44, Application US/08585888
/ Patent No. 5874215
/ GENERAL INFORMATION:
/ APPLICANT: KUIPER, Martin T.R.
/ APPLICANT: ZABEAU, Marc
/ APPLICANT: VOS, Pieter
/ TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
/ NUMBER OF SEQUENCES: 47
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
/ STREET: P.O. Box 1404
/ CITY: Alexandria
/ STATE: Virginia
/ COUNTRY: United States
/ ZIP: 22313-1404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/585,888
/ FILING DATE: 16-JAN-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: EP 95400080.8
/ FILING DATE: 16-JAN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McGowan, Malcolm K.
/ REGISTRATION NUMBER: 39,300
/ REFERENCE/DOCKET NUMBER: 010830-097
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 836-6620
/ TELEFAX: (703) 836-2021
/ INFORMATION FOR SEQ ID NO: 44:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-585-888-44
```

```
Query Match          0.3%; Score 16; DB 1; Length 23;
Best Local Similarity 84.2%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```


Qy 277 TCTTCTCTCTCTCTCT 295
| | | | | | | | | |
Db 20 TNNNTCTCTCTCTCTCT 2

RESULT 164
US-09-195-991-44/c

; Sequence 44, Application US/09195991

; Patent No. 6218119

; GENERAL INFORMATION:

; APPLICANT: KUIPER, Martin T.R.

; APPLICANT: ZABEAU, Marc

; APPLICANT: VOS, Pieter

; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS

; NUMBER OF SEQUENCES: 47

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: P.O. Box 1404

; CITY: Alexandria

; STATE: Virginia

; COUNTRY: United States

; ZIP: 22313-1404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/195,991

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,888

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: McGowan, Malcolm K.

; REGISTRATION NUMBER: 39,300

; REFERENCE/DOCKET NUMBER: 010830-097

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703) 836-6620

; TELEFAX: (703) 836-2021

; INFORMATION FOR SEQ ID NO: 44:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 23 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; US-09-195-991-44

; Query Match 0.3%; Score 16; DB 1; Length 23;

; Best Local Similarity 84.2%; Pred. No. 5.6e+02;

; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCTCT 295
| | | | | | | | | |
Db 20 TNNNTCTCTCTCTCTCT 2

RESULT 165
US-08-538-875-20/c

; Sequence 20, Application US/08538875

; Patent No. 5773582

; GENERAL INFORMATION:

; APPLICANT: Shin, Hang-Cheol

; APPLICANT: Shin, Nam-Kyu

; APPLICANT: Lee, Inkyung

; APPLICANT: Kang, Sungzong

; TITLE OF INVENTION: TUMOR NECROSIS FACTOR MUTAINS

; NUMBER OF SEQUENCES: 73

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Shin, Hang-Cheol

; STREET: Jukong Gochung Apt. 1014-806, Haan-dong

CITY: Kwangmyung-shi
STATE: Kyungki-do
COUNTRY: Republic of Korea
ZIP: 423-060
ADDRESSEE: Shin, Nam-Kyu
STREET: #181-404 Sadang-4-dong, Dongjak-ku
CITY: Seoul

STATE: Republic of Korea

ZIP: 156-094

ADDRESSEE: Lee, Inkyung

STREET: #11/2, #302-39 Ujan-4-dong, Nam-ku

CITY: Incheon

STATE: Republic of Korea

ZIP: 402-204

ADDRESSEE: Kang, Sungzong

STREET: #84-4 Daeshin-dong, Seodaemun-ku

CITY: Seoul

STATE: Republic of Korea

ZIP: 120-160

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette 3.5inch 2.0mb storage

; COMPUTER: IBM PC/AT

; OPERATING SYSTEM: MS-DOS

; SOFTWARE: Wordperfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/538,875

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/193,336

; FILING DATE:

; APPLICATION NUMBER: KR 93-1751

; FILING DATE: 9-FEB-1993

; ATTORNEY/AGENT INFORMATION:

; NAME:

; REGISTRATION NUMBER:

; REFERENCE/DOCKET NUMBER:

; TELECOMMUNICATION INFORMATION:

; TELEPHONE:

; TELEFAX:

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: primer DNA

; US-08-538-875-20

; Query Match 0.3%; Score 16; DB 1; Length 24;

; Best Local Similarity 79.2%; Pred. No. 6.1e+02;

; Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1676 GCAGATGAGAGACACTCTCAGA 1699
| | | | | | | | | |
Db 24 GTAGATGAGAGACAGCCCTCTGA 1

RESULT 166
US-08-656-716-19

; Sequence 19, Application US/08656716

; Patent No. 5786146

; GENERAL INFORMATION:

; APPLICANT: Herman, James G.

; APPLICANT: Baylin, Stephen B.

; TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION

; NUMBER OF SEQUENCES: 52

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.

; STREET: 225 Franklin Street

CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,716
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/089001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-656-716-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAGAAATCTGCGACG 1548
DB 1 ACATACACAAAAAATCTCTCAAC 24

RESULT 167
US-08-656-716-43/C
Sequence 43, Application US/08656716
Patent No. 5786146
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,716
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/089001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-656-716-43

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAGAAATCTGCGACG 1548
DB 24 ACATACACAAAAAATCTCTCAAC 1

RESULT 168
US-08-465-590-19
Sequence 19, Application US/08465590
Patent No. 5824770
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 STATE STREET, Suite 510
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Ascii (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,590
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,212
FILING DATE: 02-MAY-1994
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER: US 08/121,438
FILING DATE: 14-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,695
REFERENCE/DOCKET NUMBER: MPG-006C2DV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-465-590-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 458 GGTGTGTGCTCTGCGGTGCT 481
DB 1 GGTGTGTGGAACATGGATGCT 24

RESULT 169
US-08-859-998-1024/C
; Sequence 1024, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1024:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; US-08-859-998-1024

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1189 CCCTCCCATCCCTGAGTCTGCG 1212
Db 24 CCCACGAGCCGTGAGTATCTGC 1

RESULT 170
US-08-276-968A-29
; Sequence 29, Application US/08276968A
; Patent No. 6015701
; GENERAL INFORMATION:
; APPLICANT: Pierce, James M.
; APPLICANT: Shorelbad, Mohamed G.
; APPLICANT: Adler, Beverly
; APPLICANT: Fregien, Nevil L.
; TITLE OF INVENTION: N-Acetylglucosaminyltransferase V
; TITLE OF INVENTION: Proteins and Sequences
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee and Winner, P.C.
; STREET: 5370 Manhattan Circle, Suite 201

City: Boulder
STATE: Colorado
COUNTRY: USA
ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,968A
; FILING DATE: 19-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/905,795
; FILING DATE: 29-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/016,863
; FILING DATE: 10-FEB-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferber, Donna M.
; REGISTRATION NUMBER: 33,878
; REFERENCE/DOCKET NUMBER: 34-92D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303)-499-8080
; TELEFAX: (303)-499-8089
; TEX: 49617824
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-276-968A-29

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2682 GTTGACGCCAGACAGATTGAG 2705
Db 1 GTTAGGCCAGACAGACGTGAG 24

RESULT 171
US-08-835-728D-19
; Sequence 19, Application US/08835728D
; Patent No. 6017704
; GENERAL INFORMATION:
; APPLICANT: Herman, James G.
; APPLICANT: Baylin, Stephen B.
; TITLE OF INVENTION: Methylation Specific Detection
; NUMBER OF SEQUENCES: 216
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/835,728D
; FILING DATE: April 11, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/656,716
FILING DATE: June 03, 1996,
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-835-728D-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAAGAAAATCTGCAGC 1548
DB 1 ACATACACAAAAAATCTCCAC 24

RESULT 172
US-08-835-728D-123/C
Sequence 123, Application US/08835728D
Patent No. 6017704
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla.
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,728D
FILING DATE: April 11, 1997
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/656,716
APPLICATION NUMBER: 08/656,716
FILING DATE: June 03, 1996,
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-835-728D-123

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAAGAAAATCTGCAGC 1548
DB 24 ACATACACAAAAAATCTCCAC 1

RESULT 173
US-09-123-951-19
Sequence 19, Application US/09123951
Patent No. 6200756
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,951
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/656,716
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/089001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-123-951-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAAGAAAATCTGCAGC 1548
DB 1 ACATACACAAAAAATCTCCAC 24

RESULT 174
US-09-123-951-43/C
Sequence 43, Application US/09123951
Patent No. 6200756
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,951
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/656,716
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/089001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-123-951-43/C

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,951
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/656,716
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/089001
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-123-951-43

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCAGAAATCTGCAGC 1548
DB 24 ACATACCAAAATCTCCAC 1

RESULT 175
US-08-711-417C-19
Sequence 19, Application US/08711417C
Patent No. 6228611
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/711,417C
FILING DATE: 05-Sep-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-08-711-417C-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 458 GGTGTGTGGCTCTGGGCTGCCT 481
DB 1 GGTGTGTGGAAATGATGCCT 24

RESULT 176
US-09-490-558-19
Sequence 19, Application US/09490558
Patent No. 6265171
GENERAL INFORMATION:
APPLICANT: Herman, James G.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,558
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/835,728
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-490-558-19
Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAAGAAATCTGCGAC 1548
DB 1 ACATACACAAAAAATCTCTCAAC 24

RESULT 177

US-09-490-558-123/c
Sequence 123, Application US/09490558
Patent No. 6265171
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,558
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/835,728
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Heile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-490-558-123

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1525 ACAGCCACAAGAAATCTGCGAC 1548
DB 24 ACATACACAAAAAATCTCTCAAC 1

RESULT 178

US-09-225-928-1024/c
Sequence 1024, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Johhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100

CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1024:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 1024:
US-09-225-928-1024

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1189 CCCTCCATCCCTGAGTCTCTGC 1212
DB 24 CCCACGAGCCCTGAGTATCTGC 1

RESULT 179

US-09-225-201B-1024/c
Sequence 1024, Application US/09225201B
Patent No. 6489455
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Johhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998

FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1024:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 1024:
US-09-225-2018-1024

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1189 CCCTCCATCCCTGAGTCTGTC 1212
Db 24 CCCACGAGCGCTGAGATATCTGC 1

RESULT 180
US-09-723-909-19
Sequence 19, Application US/09723909
Patent No. 6630141
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/723,909
FILING DATE: 28-NOV-6630141-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/711,417
FILING DATE: 05-SEP-1996
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
APPLICATION NUMBER: 07/946,233
FILING DATE: 14-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Myers, Louis P.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-723-909-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 458 GGTGTGGGTCTGCGGGTGCCT 481
Db 1 GGTGTGGGACATGAGATGCCT 24

RESULT 181
PCT-US93-08743-19
Sequence 19, Application PC/TUS9308743
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 152
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08743
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 946,233
FILING DATE: 14-SEP-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US93-08743-19

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 458 GGTGTGGGTCTGCGGGTGCCT 481
Db 1 GGTGTGGGACATGAGATGCCT 24

RESULT 182
US-09-531-000-40/C
Sequence 40, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: PRESKO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 40
LENGTH: 19
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
OTHER INFORMATION: sequences
US-09-531-000-40

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2413 AGGAGAAATCAGCTTGC 2431
DB 19 AGGAGAAATCCGTTTC 1

RESULT 183
US-09-422-978-5847
Sequence 5847, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marca
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5847
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-09-422-978-5847

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 280 TTCTCTCTCTCTCTTGC 298
DB 1 TTCTCTCTCTCTCTTTTC 19

RESULT 184
US-07-613-083B-3
Sequence 3, Application US/07613083B
Patent No. 5340727
GENERAL INFORMATION:
APPLICANT: Ruggieri, Zaverio M.
APPLICANT: Ware, Jerry, inventors
APPLICANT: on behalf of Scripps Clinic and Research
APPLICANT: Foundation
TITLE OF INVENTION: GPID: Fragments and Recombinant
TITLE OF INVENTION: DNA Expression Vectors
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scripps Clinic and Research
ADDRESS: Foundation
STREET: 10666 No. 5340727th Torrey Pines Road
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette-5.25 inch, 1.2 Mb
COMPUTER: AST Bravo IBM PC COMP. (386SX)
OPERATING SYSTEM: MS DOS version 3.2
SOFTWARE: Wordperfect 5.1 conv. to ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/613,083B
FILING DATE: 19911114
CLASSIFICATION: 435
PRIOR APPLICATION DATA: This appl. is a c-i-p of
APPLICATION NUMBER: U.S. 07/470,674
FILING DATE: 04-Jan-1990
ATTORNEY/AGENT INFORMATION:
NAME: Barton, Alexis
REGISTRATION NUMBER: 22,702
REFERENCE/DOCKET NUMBER: P16,569-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 923-4466
TELEFAX: (215) 923-2189
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: single stranded
TOPOLOGY: Linear
US-07-613-083B-3

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 AGGCCACCAAGAGCAGC 417
DB 2 AGGCCACCAAGAGCAGCG 20

RESULT 185
US-08-899-371-9/c
Sequence 9, Application US/08899371
Patent No. 5962227
GENERAL INFORMATION:
APPLICANT: Hedrick, Ronald P.
APPLICANT: Andree, Karl B.
APPLICANT: Antonio, Dolores B.
TITLE OF INVENTION: A DNA-Based Diagnostic Test for
TITLE OF INVENTION: Detecting Myxobolus, the Cause of Salmonid Whirling
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsends and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,371
FILING DATE: 23-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,734
FILING DATE: 26-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-081310US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-899-371-9

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 383 CTGTCGACGACCGGAG 401
DB 20 CTGTCGACGACCGGAG 2

RESULT 186
US-09-120-853-10/c
Sequence 10, Application US/09120853
Patent No. 6057437

GENERAL INFORMATION:
APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
PRIOR FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
PRIOR FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Artificial
US-09-120-853-10

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 266 CCCCCTCTCTCTTCTC 284
DB 19 CCCCCTCTCTCTTCTC 1

RESULT 187
US-09-030-701-65/c
Sequence 65, Application US/09030701B
Patent No. 621806
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF
FILE REFERENCE: C1039/7011
CURRENT APPLICATION NUMBER: US/09/030,701B
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/039,405
PRIOR FILING DATE: 1997-02-28
NUMBER OF SEQ ID NOS: 65
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-030-701-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACCGCGCGCGCGC 3936
DB 20 CCGACCGCGCGCGCGC 2

RESULT 188
US-09-082-649B-57/c
Sequence 57, Application US/09082649B
Patent No. 6339068
GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Krieg, Arthur M.
APPLICANT: Schorr, Joachim.
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-57

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACCGCGCGCGCGC 3936
DB 20 CCGACCGCGCGCGCGC 2

RESULT 189
US-09-792-594-80
Sequence 80, Application US/09792594
Patent No. 6436706
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL4 EXPRESSION
FILE REFERENCE: RTS-0209
CURRENT APPLICATION NUMBER: US/09/792,594
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 80
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-80

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1190 CTTCCATCCCTGAGTCT 1208
|||||
Db 1 CTTCCATCTCTGAGTCT 19

RESULT 190
US-09-657-346A-84
; Sequence 84, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-84

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4686 AGAAGCTGTCTGTCCAG 4704
|||||
Db 2 AGAAGCTGTCTGTCCAG 20

RESULT 191
US-09-705-267A-140/c
; Sequence 140, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-140

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4045 CACCAAGGCTCTAGGAG 4063
|||||
Db 19 CACCAAGGCTCTAGGAG 1

RESULT 192
US-09-198-452A-6014
; Sequence 6014, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6014
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6014

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 146 CTTGAGCTGCCACTGTACA 164
|||||
Db 1 CTTGAGCTGCCACTGTACA 19

RESULT 193
US-09-909-595-62/c
; Sequence 62, Application US/09909595
; Patent No. 6586245
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTC 288
|||||
Db 19 CTCTCTCTCTCTCTCTC 1

RESULT 194
US-09-081-385-77
; Sequence 77, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081.385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Mu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-081-385-77

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 495 AGGAGCCCAAGCCCAACCA 513
Db 1 AGGAGCCCAAGCCCAACCA 19

RESULT 195
US-07-602-608-23/c
Sequence 23, Application US/07602608
Patent No. 5382524
GENERAL INFORMATION:
APPLICANT: Deenick, Robert J.
APPLICANT: Bishop, David F.
APPLICANT: Ioannou, Yiannis A.
TITLE OF INVENTION: CLONING AND EXPRESSION OF BIOLOGICALLY
TITLE OF INVENTION: ACTIVE ALPHA-N-ACETYLGLACTOSAMINIDASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/602,608
FILING DATE: 24-OCT-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-07-602-608-23

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4831 AGTGAGAGATCTGCCTC 4849
Db 21 AGTGAGAGATCTGCCTC 3

RESULT 196
US-08-261-578-23/c
Sequence 23, Application US/08261578
Patent No. 5491075
GENERAL INFORMATION:
APPLICANT: Deenick, Robert J.
APPLICANT: Bishop, David F.
APPLICANT: Ioannou, Yiannis A.
TITLE OF INVENTION: CLONING AND EXPRESSION OF BIOLOGICALLY
TITLE OF INVENTION: ACTIVE ALPHA-N-ACETYLGLACTOSAMINIDASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/261,578
FILING DATE: 17-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/602,608
FILING DATE: 24-OCT-1990
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-261-578-23

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4831 AGTGAGAGATCTGCCTC 4849
Db 21 AGTGAGAGATCTGCCTC 3

```
RESULT 197
US-08-182-175A-24/c
; Sequence 24, Application US/08182175A
; Patent No. 5553223
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E.I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,175A
; FILING DATE:
; CLASSIFICATION: 800
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamethy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4929
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..21
; OTHER INFORMATION: /product= "synthetic oligonucleotide"
; OTHER INFORMATION: /standard_name= "SM 91"
US-08-182-175A-24

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2802 GAAGAGAAATGAAGAAG 2820
DB      21 GGAGGAAAGATCAAGAAG 3

RESULT 198
US-08-116-389-3/c
; Sequence 3, Application US/08116389
; Patent No. 5601978
; GENERAL INFORMATION:
; APPLICANT: Burczak, John
; APPLICANT: Carrino, J.J.
; APPLICANT: Salituro, J.A.
; APPLICANT: Padich, E.K.
; APPLICANT: Klonowski, P.A.
; APPLICANT: Manlove, M.T.
```

```
APPLICANT: Marshall, R.L.
; TITLE OF INVENTION: Materials and Methods for the Detection
; TITLE OF INVENTION: of Chlamydia Trachomatis
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PCDOS/MSDOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/116,389
; FILING DATE: 03 SEPTEMBER 1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brainard, Thomas D.
; REGISTRATION NUMBER: 32,459
; REFERENCE/DOCKET NUMBER: 5372.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708 937-4884
; TELEFAX: 708 938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-116-389-3

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5084 GCTTCAGCTCGCTTCTCT 5102
DB      21 GCTTGAGTTCGCTTCTCT 3

RESULT 199
US-08-708-431-3/c
; Sequence 3, Application US/08708431
; Patent No. 5756298
; GENERAL INFORMATION:
; APPLICANT: Burczak, John
; APPLICANT: Carrino, J.J.
; APPLICANT: Salituro, J.A.
; APPLICANT: Padich, E.K.
; APPLICANT: Klonowski, P.A.
; APPLICANT: Manlove, M.T.
; APPLICANT: Marshall, R.L.
; TITLE OF INVENTION: Materials and Methods for the Detection
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PCDOS/MSDOS
; SOFTWARE: Wordperfect
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/708,431
FILING DATE: 05-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/116,389
FILING DATE: 03 SEPTEMBER 1993
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
TELEFAX: 708 938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-708-431-3

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCCTTGAGCTGCTGCTTCT 5102
DB 21 GCCTTGAGCTGCTGCTTCT 3

RESULT 200
US-08-474-633A-46/c
Sequence 46, Application US/08474633A
Patent No. 573691
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
APPLICANT: COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND
TITLE OF INVENTION: METHODS FOR INCREASING
TITLE OF INVENTION: INCREASING THE LYSINE
TITLE OF INVENTION: AND THREONINE CONTENT
TITLE OF INVENTION: OF THE SEEDS OF PLANTS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS
ADDRESSEE: AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,633A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGEL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic"
OTHER INFORMATION: oligonucleotide
OTHER INFORMATION: /standard_name= "SM"
OTHER INFORMATION: 91"
US-08-474-633A-46

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAGAG 2820
DB 21 GAAGAGAGAGATGAGAGAG 3

RESULT 201
US-08-912-976-2/c
Sequence 2, Application US/08912976
Patent No. 581492
GENERAL INFORMATION:
APPLICANT: Carrino, J. J.
APPLICANT: Brainard, T. D.
TITLE OF INVENTION: Probe Masking Method of Reducing
TITLE OF INVENTION: Background in an Amplification Reaction
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: MS Word/Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,976
FILING DATE: 13-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,152
FILING DATE: June 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5747.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other (synthetic DNA)
US-08-912-976-2

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137e1 Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-208

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 GACTCCAAAAGAGAGAG 1656
DB 20 GACTCCAAAAGAGAGAG 2

RESULT 205
US-09-402-923A-208/C
Sequence 208, Application US/09402923A
Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caeskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 208:
US-09-402-923A-208

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 GACTCCAAAAGAGAGAG 1656
DB 20 GACTCCAAAAGAGAGAG 2

RESULT 206
US-09-657-472-1574
Sequence 1574, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolz, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1574
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1574

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 5.2e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3831 ACCCGGTCAGCTCCAGGCC 3851
DB 1 ACCCAGGTCACGACGAGGCC 21

RESULT 207
PCT-US92-06412-24/c

Sequence 24, Application PC/TUS9206412
GENERAL INFORMATION:
APPLICANT: Saverio Carl Falco
APPLICANT: Sharon J. Keeler
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: E.I. du Pont de Nemours and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: USA
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06412
FILING DATE: 19920807
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axameby Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
TELEX: 835420
INFORMATION FOR SEQ. ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
PCT-US92-06412-24

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAAGAG 2820
DB 21 GGAGGAGAAATGAAGAG 3

RESULT 208
PCT-US94-13895-3/c

Sequence 3, Application PC/TUS9413895
GENERAL INFORMATION:
APPLICANT: Burczak, John
APPLICANT: Carrino, J.J.
APPLICANT: Salituro, J.A.
APPLICANT: Pabich, E.K.
APPLICANT: Klonowski, P.A.

APPLICANT: Manlove, M.T.
APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia Trachomatis
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/13895
FILING DATE: 03 SEPTEMBER 1993
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
TELEFAX: 708 938-2623
TELEX:

INFORMATION FOR SEQ. ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
PCT-US94-13895-3

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTCAGCTCTGCTTCT 5102
DB 21 GCTTCAGCTCTGCTTCT 3

RESULT 209
US-08-983-605-232/c
Sequence 232, Application US/08983605A
Patent No. 6720137
GENERAL INFORMATION:
APPLICANT: Roder, Marion

TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum aestivum and Triticum aestivum and the Use of
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 232
LENGTH: 23
TYPE: DNA
ORGANISM: Triticum aestivum
US-08-983-605-232

Query Match 0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

FILED DATE: 13-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,152
FILING DATE: June 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5747.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other (synthetic DNA)
US-08-912-976-1

Query Match 0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTCAGCTGCTGCTCCT 5102
DB 1 GCTTGAGTTCGCTTCCT 19

RESULT 213
US-08-481-793-4/c
Sequence 4, Application US/08481793
Patent No. 5840477
GENERAL INFORMATION:
APPLICANT: SEIDMAN, C.E. ET AL.
TITLE OF INVENTION: METHODS FOR DETECTING MUTATIONS ASSOCIATED WITH
TITLE OF INVENTION: HYPERTROPHIC CARDIOMYOPATHY
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,793
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,326
FILING DATE: 12-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: HANLEY, ELIZABETH A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: IGI-037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-481-793-4
Query Match 0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2371 TCACAGAGGAGGAGCA 2389
DB 24 TCACAGAGGAGGAGCA 6

RESULT 214
US-08-880-830-2
Sequence 2, Application US/08880830
Patent No. 5846785
GENERAL INFORMATION:
APPLICANT: Burczak, John
APPLICANT: Carrino, J.J.
APPLICANT: Salituro, J.A.
APPLICANT: Pabich, E.K.
APPLICANT: Klonowski, P.A.
APPLICANT: Manlove, M.T.
APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia trachomatis
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/880,830
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,863
FILING DATE:
APPLICATION NUMBER: 08/116,389
FILING DATE: 03 SEPTEMBER 1993
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
TELEFAX: 708 938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-880-830-2

Query Match 0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTCAGCTGCTGCTCCT 5102
DB 1 GCTTGAGTTCGCTTCCT 19

RESULT 215
US-08-354-326-4/c
Sequence 4, Application US/08354326
Patent No. 5912121
GENERAL INFORMATION:
APPLICANT: SEIDMAN, C.E. ET AL.
TITLE OF INVENTION: METHODS FOR DETECTING MUTATIONS ASSOCIATED WITH
HYPERTROPIC CARDIOMYOPATHY
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
City: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/354,326
FILING DATE: 02-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HANLEY, ELIZABETH A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: IGI-037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-354-326-4

Query Match 0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6,7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2371 TCACAGAGGAGGAGCA 2389
|||||
DB 24 TCACAGAGGAGGAGCA 6

RESULT 216
US-08-570-155-16
Sequence 16, Application US/08570155
Patent No. 5962332
GENERAL INFORMATION:
APPLICANT: Singer, Robert H.
APPLICANT: Taneja, Krishan L.
TITLE OF INVENTION: DETECTION OF TRINUCLEOTIDE REPEATS
BY IN SITU HYBRIDIZATION
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
STREET: 225 Franklin Street
City: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version
SOFTWARE: #1.30B

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/570,155
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/399,499
FILING DATE: 07 March 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,823
FILING DATE: 17 March 1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06353/011001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-570-155-16

Query Match 0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6,7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGAGCGCGCGCGCGCGC 3936
|||||
DB 3 CCGCGCGCGCGCGCGC 21

RESULT 217
US-08-570-155-17/c
Sequence 17, Application US/08570155
Patent No. 5962332
GENERAL INFORMATION:
APPLICANT: Singer, Robert H.
APPLICANT: Taneja, Krishan L.
TITLE OF INVENTION: DETECTION OF TRINUCLEOTIDE REPEATS
BY IN SITU HYBRIDIZATION
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
STREET: 225 Franklin Street
City: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version
SOFTWARE: #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/570,155
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/399,499
FILING DATE: 07 March 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,823
FILING DATE: 17 March 1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06353/011001

```
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 542-5070
/ TELEFAX: (617) 542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 17:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-570-155-17

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3918 CCGACCGCGCGCGCGCGC 3936
Db      22 CCGCGCGCGCGCGCGCGC 4

RESULT 218
US-09-157-177-64
/ Sequence 64, Application US/09157177
/ Patent No. 6090558
/ GENERAL INFORMATION:
/ APPLICANT: Butler, John M.
/ APPLICANT: Li, Jia
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
/ FILE REFERENCE: GETR:017/GETR017P
/ CURRENT APPLICATION NUMBER: US/09/157,177
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 60/059,415
/ NUMBER OF SEQ ID NOS: 135
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 64
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-157-177-64

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      273 TCTCTCTTCTCTCTCT 291
Db      6 TCTCTCTTCTACTCTCT 24

RESULT 219
US-09-157-177-90
/ Sequence 90, Application US/09157177
/ Patent No. 6090558
/ GENERAL INFORMATION:
/ APPLICANT: Butler, John M.
/ APPLICANT: Li, Jia
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
/ FILE REFERENCE: GETR:017/GETR017P
/ CURRENT APPLICATION NUMBER: US/09/157,177
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 60/059,415
/ NUMBER OF SEQ ID NOS: 135
/ SOFTWARE: PatentIn Ver. 2.0
```

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/ SEQ ID NO 90
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)
/ OTHER INFORMATION: BlotInylated
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (22)_
/ OTHER INFORMATION: 2'-deoxythymidine-5'-(S)-phosphorothioate
/ US-09-157-177-90

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      273 TCTCTCTTCTCTCTCT 291
Db      6 TCTCTCTTCTACTCTCT 24

RESULT 220
US-09-405-558-50
/ Sequence 50, Application US/09405558A
/ Patent No. 6709831
/ GENERAL INFORMATION:
/ APPLICANT: Gerald, Christophe P.G.
/ APPLICANT: Jones, Kenneth A.
/ APPLICANT: Bonini, James A.
/ APPLICANT: Borowsky, Beth E.
/ APPLICANT: Craig, Douglas A.
/ TITLE OF INVENTION: DNA Encoding Mammalian Neuropeptide FP (NPPF) Receptors
/ FILE REFERENCE: 57155-C
/ CURRENT APPLICATION NUMBER: US/09/405,558A
/ EARLIER FILING DATE: 1999-09-24
/ EARLIER APPLICATION NUMBER: 09/161,113
/ EARLIER FILING DATE: 1998-09-25
/ EARLIER APPLICATION NUMBER: 09/255,368
/ NUMBER OF SEQ ID NOS: 71
/ SOFTWARE: PatentIn Ver. 2.0 - beta
/ SEQ ID NO 50
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer/probe
/ US-09-405-558-50

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1264 TTCTGCTGAGGCAATCC 1282
Db      6 TTCTGCTTGGCAATCC 24

RESULT 221
US-09-541-210-64
/ Sequence 64, Application US/09541210
/ Patent No. 6764822
/ GENERAL INFORMATION:
/ APPLICANT: Butler, John M.
/ APPLICANT: Li, Jia
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
/ FILE REFERENCE: GETR:017/GETR017P
```

```

; CURRENT APPLICATION NUMBER: US/09/541,210
; CURRENT FILING DATE: 2000-04-03
; EARLIER APPLICATION NUMBER: 60/059,415
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-541-210-64

Query Match
0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 273 TCTCTCTTCTCTCTCTCT 291
DB 6 TCTCTCTTCTACTCTCTCT 24

RESULT 222
US-09-541-210-90
; Sequence 90, Application US/09541210
; Patent No. 6764822
; GENERAL INFORMATION:
; APPLICANT: Butler, John M.
; APPLICANT: Li, Jia
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
; TITLE OF INVENTION: REPEAT MARKERS
; FILE REFERENCE: GSTR-017/GSTR017P
; CURRENT APPLICATION NUMBER: US/09/541,210
; CURRENT FILING DATE: 2000-04-03
; EARLIER APPLICATION NUMBER: 60/059,415
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 90
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: Biotinylated
; NAME/KEY: misc_feature
; LOCATION: (22)
; OTHER INFORMATION: 2'-deoxythymidine-5'-(S)-phosphorothioate
US-09-541-210-90

Query Match
0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 273 TCTCTCTTCTCTCTCTCT 291
DB 6 TCTCTCTTCTACTCTCTCT 24

RESULT 223
PCT-US94-13895-2
; Sequence 2, Application PC/TUS9413895
; GENERAL INFORMATION:
; APPLICANT: Burczak, John
; APPLICANT: Carrino, J.J.
; APPLICANT: Salituro, J.A.
; APPLICANT: Pabich, E.K.
; APPLICANT: Klonowski, P.A.
; APPLICANT: Manlove, M.T.
; APPLICANT: Marshall, R.L.
```

```

; TITLE OF INVENTION: Materials and Methods for the Detection
; TITLE OF INVENTION: of Chlamydia Trachomatis
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/13895
; FILING DATE: 03 SEPTEMBER 1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brainard, Thomas D.
; REGISTRATION NUMBER: 32,459
; REFERENCE/DOCKET NUMBER: 5372.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708 937-4884
; TELEFAX: 708 938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
PCT-US94-13895-2

Query Match
0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCTCT 5102
DB 1 GCTTTCAGCTCTGCTTCTCT 19

RESULT 224
PCT-US95-07068-4/c
; Sequence 4, Application PC/TUS9507068
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS FOR DETECTING MUTATIONS ASSOCIATED WITH
; TITLE OF INVENTION: HYPERTROPHIC CARDIOMYOPATHY
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07068
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/354,326
; FILING DATE: 12-DEC-1994
; CLASSIFICATION:
```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/252,627
FILING DATE: 02-JUN-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HANLEY, ELIZABETH A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: IGI-037CNPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-07068-4

Query Match
Best Local Similarity 0.3%; Score 15.8; DB 1; Length 24;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2371 TCACAGAGGAGGAGCA 2389
DB 24 TCACAGAGGAGGAGCA 6

RESULT 225
US-08-356-287-9
Sequence 9, Application US/08356287
Patent No. 5686272
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: Joann Subachek
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES USING
TITLE OF INVENTION: THE LIGASE CHAIN REACTION
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,287
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Yager
REGISTRATION NUMBER: 37,477
REFERENCE/DOCKET NUMBER: 5172.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-2341
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)

US-08-356-287-9
Query Match
Best Local Similarity 0.3%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1225 ACCAGAGCTCTCCCGGCTT 1246
DB 1 ACCAGAGCTCTCCCGGCTT 22

RESULT 226
US-08-457-273B-32
Sequence 32, Application US/08457273B
Patent No. 584995
GENERAL INFORMATION:
APPLICANT: Hayden, Michael
APPLICANT: Lin, Biaoyang
APPLICANT: Nasir, Jamal
TITLE OF INVENTION: Mouse Model for Huntington's Disease and
TITLE OF INVENTION: Related DNA Sequences
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Virginia Bennett
STREET: PO Box 37428
CITY: Raleigh
STATE: No. 584995th Carolina
COUNTRY: US
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,273B
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Virginia C.
REGISTRATION NUMBER: 37,092
REFERENCE/DOCKET NUMBER: 3477-85A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-854-1400
TELEFAX: 919-854-1401
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-457-273B-32
Query Match
Best Local Similarity 0.3%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTGCTG 302
DB 1 TCTCTCTCTCTCTGCTG 22

RESULT 227
US-08-483-511-60
Sequence 60, Application US/08483511
Patent No. 6297048
GENERAL INFORMATION:
APPLICANT: Jolly, Douglas J.
APPLICANT: Chang, Stephen M.W.
APPLICANT: Lee, William T.L.
APPLICANT: Townsend, Kay
APPLICANT: O'Dea, Joanne

TITLE OF INVENTION: HEPATITIS THERAPEUTICS
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: U.S.
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,511
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049, 40765
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-622-4900
TELEFAX: 206-682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-483-511-60

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3068 GCAGACTCTCAGGCGCAGACG 3089
DB 1 GCAGATCTCCAGCAGCAAGATG 22

RESULT 228
US-09-972-115A-42
Sequence 42, Application US/09972115A
Patent No. 6599728
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Gregg, Morin B.
APPLICANT: Walter, Funk D.
APPLICANT: Mieczyslaw, Plazyszek A.
TITLE OF INVENTION: A Second Mammalian Telomerase
FILE REFERENCE: 080/003C
CURRENT APPLICATION NUMBER: US/09/972,115A
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/128,577
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/129,123
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn version 3.1
SEQ ID NO 42
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-972-115A-42

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 732 AGGTCTCACCAGCTGACC 753
DB 1 AGGTCTGCACCATGCTGAGAC 22

RESULT 229
US-09-477-392-67/C
Sequence 67, Application US/09477392
Patent No. 6780986
GENERAL INFORMATION:
APPLICANT: Heintz, Nicholas
APPLICANT: Houchens, Christopher
TITLE OF INVENTION: Rib60 Nucleic Acid and Polypeptide
FILE REFERENCE: V0139/7038 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/477,392
PRIOR FILING DATE: 2000-01-04
EARLIER APPLICATION NUMBER: US 60/114,745
EARLIER FILING DATE: 1999-01-04
EARLIER APPLICATION NUMBER: US 60/114,743
EARLIER FILING DATE: 1999-01-04
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 67
LENGTH: 22
TYPE: DNA
ORGANISM: Cricetus sp.
US-09-477-392-67

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4416 AATATATATATATATATATA 4437
DB 22 ACTATATATATATATATATATA 1

RESULT 230
PCT-US93-04863-9
Sequence 9, Application PC/TUS9304863
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: Joann C. Sustachek
APPLICANT: ABBOTT LABORATORIES
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
TITLE OF INVENTION: USING THE LIGASE CHAIN REACTION
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/04863
FILING DATE: 19930524
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainerd
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5172.PC.01

TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-4884
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
PCT-US93-04863-9

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1225 ACCAGCAGCTCTCCCGGCGCT 1246
DB 1 ACCAGCAGCTCTCCCGGCGCT 22

RESULT 231

US-08-859-998-592
Sequence 592, Application US/08859998
Patent No. 5994076
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 592:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-08-859-998-592

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3728 GCCCGCAGCAGGTGCCCGCG 3749
DB 1 GCCCGCAGCAGGTGCCCGCG 22

RESULT 232

US-09-225-928-592
Sequence 592, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 592:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-09-225-928-592

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3728 GCCCGCAGCAGGTGCCCGCG 3749
DB 1 GCCCGCAGCAGGTGCCCGCG 22

RESULT 233

US-09-225-201B-592
Sequence 592, Application US/09225201B
Patent No. 6489455
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 592:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 592:
US-09-225-201B-592
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3728 GCCCGGCAAGCAGTGTCCCGCG 3749
DB 1 GCCCGGAAGCGGTGACAGCG 22
RESULT 234
US-09-673-809-91/c
Sequence 91, Application US/09673809
Patent No. 6528261
GENERAL INFORMATION:
APPLICANT: INNOGENETICS N.V.
TITLE OF INVENTION: Method for typing of HLA alleles.
FILE REFERENCE: PCT99.86.HLA
CURRENT APPLICATION NUMBER: US/09/673,809
CURRENT FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 98870088.6
PRIOR FILING DATE: 1998-04-20
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 91
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-09-673-809-91
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1239 CCGGGCTCCGTCACGTCCTC 1260

DB 23 CCGGGCTCCGTCCTCGACTC 2
RESULT 235
US-09-247-890-20/c
Sequence 20, Application US/09247890
Patent No. 6541011
GENERAL INFORMATION:
APPLICANT: Punnonen, Juha
APPLICANT: Baas, Steven H.
APPLICANT: Whalen, Robert Gerald
APPLICANT: Howard, Russell
APPLICANT: Stemmer, Willem P.C.
APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
FILE REFERENCE: 018097-028710US
CURRENT APPLICATION NUMBER: US/09/247,890
CURRENT FILING DATE: 1999-02-10
EARLIER APPLICATION NUMBER: US 60/074,294
EARLIER FILING DATE: 1998-02-11
EARLIER APPLICATION NUMBER: US 60/105,509
EARLIER FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:AYWSHREV primer
US-09-247-890-20
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3181 AGCAGTGGAGACTACTAGCAG 3202
DB 22 AGGATTGGAGACATATAGCAG 1
RESULT 236
US-09-724-969-20/c
Sequence 20, Application US/09724969
Patent No. 6569435
GENERAL INFORMATION:
APPLICANT: Punnonen, Juha
APPLICANT: Baas, Steven H.
APPLICANT: Whalen, Robert Gerald
APPLICANT: Howard, Russell
APPLICANT: Stemmer, Willem P.C.
APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
FILE REFERENCE: 018097-028710US
CURRENT APPLICATION NUMBER: US/09/724,969
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/247,890
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: US 60/105,509
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:AYWSHREV primer
US-09-724-969-20
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3181 AGCAGTGGGAAGTCACTAGCAG 3202
DB 22 AGGATTGGGAAGACATAGCAG 1

RESULT 237
US-09-724-852-20/C
Sequence 20, Application US/09724852
Patent No. 6576757
GENERAL INFORMATION:
APPLICANT: Punnonen, Juha
APPLICANT: Bass, Steven H.
APPLICANT: Whalen, Robert Gerald
APPLICANT: Howard, Russell
APPLICANT: Stemmer, Willem P.C.
APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
FILE REFERENCE: 018097-028710US
CURRENT FILING DATE: 2000-11-28
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: US/09/247,890
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/074,294
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/105,509
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 20
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:AYMSHREV primer
US-09-724-852-20

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3181 AGCAGTGGGAAGTCACTAGCAG 3202
DB 22 AGGATTGGGAAGACATAGCAG 1

RESULT 238
US-07-692-995B-42
Sequence 42, Application US/07692995B
Patent No. 5416195
GENERAL INFORMATION:
APPLICANT: Gamble, Roger
APPLICANT: Heather, Carr
APPLICANT: Timms, David
APPLICANT: Wilkinson, Anthony J.
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: Eleventh Floor, 1615 L. Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/692,995B
FILING DATE: 19910429

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009623.1
FILING DATE: 30-APR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9013773.8
FILING DATE: 20-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9016215.7
FILING DATE: 24-JUL-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9102799.5
FILING DATE: 11-FEB-1991
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
TELEFAX: (202) 822-0944
TELEX: 248453 CUSH
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-692-995B-42

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3809 CAAGAGCCCAAGGAAGCCCAAG 3830
DB 2 CAAGAGCTCAGAGAGCCCAAG 23

RESULT 239
US-08-822-573-6/C
Sequence 6, Application US/08822573
Patent No. 5874254
GENERAL INFORMATION:
APPLICANT: Imamura et al.
TITLE OF INVENTION: FGF-5 ANALOGOUS PROTEIN, AND
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITION
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10112-0228
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,573
FILING DATE: March 19, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: Japanese Appln. No. 5874254 75994/1996
FILING DATE: March 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Rochelle K. Seide
REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: A30981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 408-2500
TELEFAX: (212) 765-2519
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-822-573-6

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1689 AAGCACTCAGAGCAGCCGAGC 1710
DB 24 AAGCAGTCGAGCAGCCGAGC 3

RESULT 240
US-08-822-573-8/c
Sequence 8, Application US/08822573
Patent No. 5874254
GENERAL INFORMATION:
APPLICANT: Imamura et al.
TITLE OF INVENTION: FGF-5 ANALOGOUS PROTEIN, AND
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITION
TITLE OF INVENTION: CONTAINING SAME
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10112-0228
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,573
FILING DATE: March 19, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: Japanese Appln. No. 5874254 75994/1996
FILING DATE: March 29, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Rochelle K. Seide
REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: A30981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 408-2500
TELEFAX: (212) 765-2519
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-822-573-8

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1689 AAGCACTCAGAGCAGCCGAGC 1710
DB 24 AAGCAGTCGAGCAGCCGAGC 3

RESULT 241
US-08-859-998-59
Sequence 59, Application US/08859998
Patent No. 5994076

GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jochhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875

INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-08-859-998-59

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1044 GAGCATCTTAAGGCATCCAG 1065
DB 3 GAGCATGTGATGTCATCCAG 24

RESULT 242
US-08-915-498B-16
Sequence 16, Application US/08915498B
Patent No. 6132954
GENERAL INFORMATION:
APPLICANT: James R. Lupski, Robert A. Britton, Donald L.
TITLE OF INVENTION: Methods of Screening for Agents that
TITLE OF INVENTION: Delay a Cell Cycle and Compositions Comprising ERA and an Ana
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: & No. 6132954 is LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT for WINDOWS 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,498B
FILING DATE: August 20, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/023,353
FILING DATE: August 20, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Lori Y. Beardsell
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLR-0037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-915-498B-16

Query Match
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3732 GGCACGACGAGTCCCCGCCGCC 3733
DB 3 GGCACACGACGACGACGCCGCC 24

RESULT 243
US-08-937-063-20
Sequence 20, Application US/08937063
Patent No. 6187534
GENERAL INFORMATION:
APPLICANT: STROM, TERRY B.
APPLICANT: VASCONCELOS, LAURO
APPLICANT: SUTHANTHIRAN, MANIKRAM
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
TITLE OF INVENTION: REJECTION
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS
STREET: TWO MILLITIA DRIVE
CITY: LEXINGTON
STATE: MASSACHUSETTS
COUNTRY: UNITED STATES
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,063
FILING DATE: 24-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GRAMAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIDMC97-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-063-20

Query Match
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1859 CACCAAGAGACCCCTGAGT 1880
DB 3 CACACAGAGGCGCTCCAGAGT 24

RESULT 244
US-09-042-353-339
Sequence 339, Application US/09042353
Patent No. 6255458
GENERAL INFORMATION:
APPLICANT: Lomborg, Nils
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 6255458-Human Animals for
TITLE OF INVENTION: Producing Heterologous Antibodies
NUMBER OF SEQUENCES: 421
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,353
FILING DATE: 13-MAR-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/810,279
FILING DATE: 17-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/853,408
FILING DATE: 18-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/904,068
FILING DATE: 23-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/209,741
FILING DATE: 09-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US96/16433
FILING DATE: 10-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/758,417
FILING DATE: 02-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/21803
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 014643-009040US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 339:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-042-353-339

Query Match

Best Local Similarity 0.3%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4128 AAGCCACTGAGCCCTCTCCCGG 4149
DB 3 AAGCCAGAGAGCCCTCTCCCTG 24

RESULT 245
US-08-758-417A-187
Sequence 187, Application US/08758417A
Patent No. 6300129
GENERAL INFORMATION:
APPLICANT: Lomborg, Nils
Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 6300129-Human Animals for
Producing Heterologous Antibodies
NUMBER OF SEQUENCES: 417
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,417A
FILING DATE: 02-DEC-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-OCT-1996
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-OCT-1996
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: US 08/209,741

FILING DATE: 09-MAR-1994
APPLICATION NUMBER: US 08/165,699
FILING DATE: 10-DEC-1993
APPLICATION NUMBER: US 08/161,739
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/155,301
FILING DATE: 18-NOV-1993
APPLICATION NUMBER: US 08/096,762
FILING DATE: 22-JUL-1993
APPLICATION NUMBER: US 08/053,131
FILING DATE: 26-APR-1993
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Serafini, Andrew T.
REGISTRATION NUMBER: 41,303
REFERENCE/DOCKET NUMBER: 014643-009030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 187:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 187:
US-08-758-417A-187

Query Match

Best Local Similarity 0.3%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4128 AAGCCACTGAGCCCTCTCCCGG 4149
DB 3 AAGCCAGAGAGCCCTCTCCCTG 24

RESULT 246
US-09-925-928-59
Sequence 59, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
Bibilaev, George
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-225-928-59

Query Match
Best Local Similarity 0.3%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1044 GAGCATCTTAAGCCATCCAG 1065
Db 3 GAGCATGTGAATCCATCCAGG 24

RESULT 247
US-09-225-201B-59
Sequence 59, Application US/09225201B
Patent No. 6489455
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
Jokhadze, George
Bidlashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-225-201B-59

Query Match
Best Local Similarity 0.3%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1044 GAGCATCTTAAGCCATCCAG 1065
Db 3 GAGCATGTGAATCCATCCAGG 24

RESULT 248
US-08-705-477E-124/C
Sequence 124, Application US/08705477E
Patent No. 6569432
GENERAL INFORMATION:
APPLICANT: Iarelli, Ron S
APPLICANT: Heston, Warren D.W.
APPLICANT: Fair, William R.
APPLICANT: Overfelli, Quachek
APPLICANT: Pinto, John
TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
FILE REFERENCE: 1769/41426-G
CURRENT APPLICATION NUMBER: US/08/705,477E
CURRENT FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.1
SEQ ID NO 124
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-08-705-477E-124

Query Match
Best Local Similarity 0.3%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4780 GGCTTCTCAGTCTTTGGTTGG 4801
Db 23 GGCTTTCAGCTCTTTGTTAG 2

RESULT 249
US-08-292-620A-1676/C
Sequence 1676, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: James McGwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1676:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1676

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 GGTGGCAGACCCGAG 401
Db 17 GGTGGCAGACCCGAG 1

RESULT 250
US-08-292-620A-1680/C
Sequence 1680, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1680:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1680

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 TGGTGGCAGACCCGAG 400
Db 17 TGGTGGCAGACCCGAG 1

RESULT 251
US-08-849-021-3/C
Sequence 3, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOCEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND
ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-3

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCT 287
|||||
Db 17 TCTCTCTCTCTCTCT 1

RESULT 252
US-08-849-021-4/c
; Sequence 4, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS: 89
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY,
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-849-021-4

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTC 286
|||||
Db 17 CTCTCTCTCTCTCTC 1

RESULT 253
US-08-849-021-5
; Sequence 5, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE

APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898

COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-849-021-5

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCT 287
|||||
Db 1 TCTCTCTCTCTCTCT 17

RESULT 254
US-08-849-021-6
; Sequence 6, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-6

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCCTCTCTCTCTCTC 286
Db 1 CTCCTCTCTCTCTCTC 17

RESULT 255
US-08-460-890A-8
Sequence 8, Application US/08460890A
Patent No. 5994109
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/066
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
FEATURE:
OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-460-890A-8

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 279 TTCTCTCTCTCTCTCT 295
Db 1 TTCTCTCTCTCTCTCT 17

RESULT 256
US-08-167-641C-8
Sequence 8, Application US/08167641C
Patent No. 6033884
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
FEATURE:
OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-167-641C-8

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTCTCTCTCTCTCTCT 295
DB 1 TTCTCTCTCTCTCTCT 17

RESULT 257
US-09-071-845-1676/c

; Sequence 1676, Application US/09071845
; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELETYPE: 67-3510

; INFORMATION FOR SEQ ID NO: 1676:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-071-845-1676

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 GGTGGCAGACCCGAGG 401
DB 17 GGTGGCAGACCCGAGG 1

RESULT 258

US-09-071-845-1680/c

; Sequence 1680, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELETYPE: 67-3510

; INFORMATION FOR SEQ ID NO: 1680:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-071-845-1680

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 TGTGGCAGACCCGAGG 400

|||||

Db 17 TGGTGCAGAGCCGAG 1

RESULT 259

US-08-460-971A-8

Sequence 8, Application US/08460971A

Patent No. 6150168

GENERAL INFORMATION:

APPLICANT: Woo, Savio L.C.

APPLICANT: Smith, Louis C.

APPLICANT: Cristiano, Richard J.

APPLICANT: Gotchalk, Stephen

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND

TITLE OF INVENTION: METHODS OF USE

NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,971A

FILING DATE: June 5, 1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/167,641

FILING DATE: December 14, 1993

APPLICATION NUMBER: 07/855,389

FILING DATE: March 20, 1992

APPLICATION NUMBER: PCT/US93/02725

FILING DATE: March 19, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 212/063

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

FEATURE:

OTHER INFORMATION: "C" stands for 5-methylcytosine

US-08-460-971A-8

Query Match

Best local Similarity 0.3%; Score 15.4; DB 1; Length 17;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTCTCTCTCTCTCTCT 295

Db 1 TTCTCTCTCTCTCTCT 17

RESULT 260

US-08-462-040-8

Sequence 8, Application US/08462040

Patent No. 6177554

GENERAL INFORMATION:

APPLICANT: Woo, Savio L.C.

APPLICANT: Smith, Louis C.

APPLICANT: Cristiano, Richard J.

APPLICANT: Gotchalk, Stephen

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND

TITLE OF INVENTION: METHODS OF USE

NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/462,040

FILING DATE: June 5, 1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/167,641

FILING DATE: December 14, 1993

APPLICATION NUMBER: 07/855,389

FILING DATE: March 20, 1992

APPLICATION NUMBER: PCT/US93/02725

FILING DATE: March 19, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 212/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

FEATURE:

OTHER INFORMATION: "C" stands for 5-methylcytosine

US-08-462-040-8

Query Match

Best local Similarity 0.3%; Score 15.4; DB 1; Length 17;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTCTCTCTCTCTCTCT 295

Db 1 TTCTCTCTCTCTCTCT 17

RESULT 261

US-09-866-108A-1345

Sequence 1345, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1345
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1345

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 AGAGAGAAAACATGGG 787
Db 1 AGAGAGAAAAGATGGG 17

RESULT 262
US-09-866-108A-1346
Sequence 1346, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1346
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1346

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 772 AGAGAGAAAACATGGG 788
Db 1 AGAGAGAAAAGATGGG 17

RESULT 263
US-09-866-108A-1347
Sequence 1347, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1347
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1347

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 773 GAAGGAACATGGGC 789
Db 1 GAAGGAACATGGGC 17

RESULT 264

US-09-866-108A-8198/C
; Sequence 8198, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8198
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8198

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3873 ATCAAGCCTTCAGATC 3889
Db 17 ATCAAGCCTTCAGATC 1

RESULT 265
US-09-437-076-5/C
; Sequence 5, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; PRIOR FILING DATE: 1999-11-09
; EARLIER APPLICATION NUMBER:

EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCCTCTCTCTCTC 286
Db 18 CTCCTCTCTCTCTC 2

RESULT 266
US-09-437-076-6
; Sequence 6, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; PRIOR FILING DATE: 1999-11-09
; EARLIER APPLICATION NUMBER:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-6

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCT 287
Db 2 TCTCTCTCTCTCTCT 18

RESULT 267
US-08-849-021-75/C
; Sequence 75, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON

STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMERHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-75

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTCTCTCTCTCTCTCT 295
DB 18 TATCTCTCTCTCTCT 2

RESULT 268
US-09-501-192-3
Sequence 3, Application US/09501192
Patent No. 6380375
GENERAL INFORMATION:
APPLICANT: Cui, Jisong
APPLICANT: Lou, Jane-Ling
APPLICANT: Mount, George R.
TITLE OF INVENTION: MONKEY GONADOTROPIN RELEASING HORMONE
FILE REFERENCE: 20139Y
CURRENT APPLICATION NUMBER: US/09/501,192
CURRENT FILING DATE: 2000-02-10
EARLIER APPLICATION NUMBER: 60/138,135
EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: 60/121,780
EARLIER FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: n=A, C, T or G
US-09-501-192-3

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 86 CTTGAGAGTGACACCA 102
DB 2 CTTGAGAGTGACACCA 18

RESULT 269
US-07-841-652-28
Sequence 28, Application US/07841652
Patent No. 5266459
GENERAL INFORMATION:
APPLICANT: Beutler, Ernest
TITLE OF INVENTION: GAUCHER'S DISEASE: DETECTION OF A NEW
TITLE OF INVENTION: MUTATION IN INTRON 2 OF THE GLUCOCEREBROSIDASE GENE
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 10666 No. 5266459th Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/841,652
FILING DATE: 19920224
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bingham, Douglas A
REGISTRATION NUMBER: 32,457
REFERENCE/DOCKET NUMBER: SCR0670P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-841-652-28

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4344 CCCAGTGCCTGTTGAG 4360
DB 2 CCCAGTGCCTGTTGAG 18

RESULT 270
US-08-478-178A-90/C
Sequence 90, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:

Kinase C

ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5882927-1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaudmond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-90

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGTCCTGGGGGTGC 479
Db 18 GTGGGCCCTGGGGGTGC 2

RESULT 271
US-08-488-177-90/c
Sequence 90, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-488-177-90

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGTCCTGGGGGTGC 479
Db 18 GTGGGCCCTGGGGGTGC 2

RESULT 272
US-08-717-291-8
Sequence 8, Application US/08717291
Patent No. 5908773
GENERAL INFORMATION:
APPLICANT: Cesarman, Ethel
APPLICANT: Arvanitakis, Leandros
APPLICANT: Knowles, Daniel M.
APPLICANT: Mesiri, Enrique
TITLE OF INVENTION: KSHV POSITIVE CELL LINES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON, HARGRAVE, DEVANS & DOYLE LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/717,291
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19603/1360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-717-291-8

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4650 GGAGCTGAAGACTCTGG 4666

Db 2 GGAGCTAAAGACTG 18

RESULT 273

US-08-481-072A-90/c
Sequence 90, Application US/08481072A
Patent No. 5916807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-072A-90

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGTCCTGGGGGTGC 479
Db 18 GTGGGCCCTGGGGGTGC 2

RESULT 274
US-08-664-336-90/c
Sequence 90, Application US/08664336
Patent No. 5922686
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA

ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-664-336-90

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGTCCTGGGGGTGC 479
Db 18 GTGGGCCCTGGGGGTGC 2

RESULT 275
US-08-481-066A-90/c
Sequence 90, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: ISIS-1154
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-066A-90

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGCTCTGGGGGTGC 479
DB 18 GTGGGCTCTGGGGGTGC 2

RESULT 276
US-08-578-615A-98/C
Sequence 98, Application US/08578615A
Patent No. 6015892
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Leggaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 98:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-578-615A-98

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGCTCTGGGGGTGC 479
DB 18 GTGGGCTCTGGGGGTGC 2

RESULT 277
US-08-728-603-8
Sequence 8, Application US/08728603
Patent No. 6093806
GENERAL INFORMATION:
APPLICANT: Cesarian, Ethel
TITLE OF INVENTION: KNOWLES, DANIEL M.
TITLE OF INVENTION: PROTEINS OF KAPOSI'S SARCOMA ASSOCIATED
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON, HARGRAVE, DEVANS & DOYLE LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,603
FILING DATE: 10-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19603/720
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-728-603-8

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4650 GGAGCTGAAGAGTCTGG 4666
DB 2 GGAGCTGAAGAGTCTGG 18

RESULT 278
US-08-927-219-104
Sequence 104, Application US/08927219
Patent No. 6187533
GENERAL INFORMATION:
APPLICANT: Bell, Graeme I.
APPLICANT: Yamagata, Kazuya
APPLICANT: Oda, Naohisha
APPLICANT: Katsaki, Pamela J.
APPLICANT: Furuta, Hiroco
APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:

ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,219
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-927-219-104
Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 991 CCGAGACATTGTTCCAG 1007
DB 3 CCGAGCATTGTTCCAG 19
RESULT 279
US-09-560-594-40
Sequence 40, Application US/09560594
Patent No. 6242590
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
FILE REFERENCE: RTS-0144
CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-40
Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1375 CTCGCGACGCGCCCTCC 1391
||||| |||||||

DB 1 CTCGCGCGCGCCCTCC 17
RESULT 280
US-08-829-637A-90/C
Sequence 90, Application US/08829637A
Patent No. 6339066
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Phillip Dan Cook
APPLICANT: Nicholas Dean
APPLICANT: Glenn Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
TITLE OF INVENTION: WHICH MODULATE a1, a11, k, n, AND ISOFORMS OF
TITLE OF INVENTION: PROTEIN KINASE C
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSER: John W. Caldwell (28,937) Woodcock
ADDRESSER: Washburn Kurtz Mackiewicz & No. 6339066r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,637A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:

```

/ REFERENCE/DOCKET NUMBER: 1S1S-____
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 90:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ANTI-SENSE: yes
/ US-08-829-637A-90

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      463 GTGGGCTCTGGGGGCTGC 479
      |||||
Db      18 GTGGGCTCTGGGGGCTGC 2

RESULT 281
US-09-920-672-74/c
Sequence 74, Application US/09920672
Patent No. 6455308
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RUS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-920-672-74

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      3046 ACTTCAGGGGAGATC 3062
      |||||
Db      20 ACTTCAGGGGAGATC 4

RESULT 282
US-09-622-277-9
Sequence 9, Application US/09622277
Patent No. 6521407
GENERAL INFORMATION:
APPLICANT: Warentine, Hilmar Meek
APPLICANT: Seabira, Laurence Anthony
TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON
TITLE OF INVENTION: EXPRESSION OF NEGATIVE AND POSITIVE SIGNAL TRANSDUCTION FACTORS
FILE REFERENCE: 1417-188
CURRENT APPLICATION NUMBER: US/09/622,277
CURRENT FILING DATE: 2000-10-25
PRIOR APPLICATION NUMBER: PCT/GB99/00500
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: GB 9903035.5
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: GB 9814545.1
PRIOR FILING DATE: 1998-07-03
PRIOR APPLICATION NUMBER: GB 9812151.0
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: GB 9803447.3
PRIOR FILING DATE: 1998-02-18

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      PRIOR APPLICATION NUMBER: GB 9803446.5
      PRIOR FILING DATE: 1998-02-18
      NUMBER OF SEQ ID NOS: 15
      SOFTWARE: PatentIn version 3.1
      SEQ ID NO 9
      LENGTH: 20
      TYPE: DNA
      ORGANISM: Artificial Sequence
      FEATURE:
      OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 sense
US-09-622-277-9

Query Match          0.3%   Score 15.4;   DB 1;   Length 20;
Best Local Similarity 94.1%;   Pred. No. 5.8e+02;
Matches 16;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0;

OY          4842 CTGGCCTCAGCTTGGGC 4858
          ||||| ||||| |||||
Db          2 CTGGCCTCATCTTGGGC 18

RESULT 283
US-10-025-139-90/c
Sequence 90, Application US/10025139
Patent No. 6537973
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
FILE REFERENCE: IS1S4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR FILING DATE: 1992-03-16
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn version 3.1
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-90

Query Match          0.3%   Score 15.4;   DB 1;   Length 20;
Best Local Similarity 94.1%;   Pred. No. 5.8e+02;
Matches 16;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0;

OY          463 GTGGGCTCTGGGGGTGC 479
          ||||| ||||| |||||
Db          18 CTGGGCCCTGGGGGTGC 2

RESULT 284
US-09-198-452A-6438/c
Sequence 6438, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24

```

NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6438
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6438

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2394 GCTTCCTCACTTCA 2410
|||||
DB 20 GCTTCCTCACTTCA 4

RESULT 285
PCT-US94-07770-98/C
Sequence 98, Application PC/TUS9407770

GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Maciewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith

CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/189,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 98:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes

PCT-US94-07770-98

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGGCTGGGGTGC 479
|||||
DB 18 GTGGGCTGGGGTGC 2

RESULT 286
US-08-477-928A-27
Sequence 27, Application US/08477928A
Patent No. 6207389

GENERAL INFORMATION:
APPLICANT: Dosh, Hans M.
TITLE OF INVENTION: METHODS FOR CONTROLLING T
TITLE OF INVENTION: LYMPHOCYTE MEDIATED IMMUNE RESPONSES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: BAKER & BOTTS
STREET: 1299 Pennsylvania Avenue
CITY: Washington D.C.
STATE: California
COUNTRY: U.S.A.
ZIP: 20004-2400

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36902
REFERENCE/DOCKET NUMBER: 19060-0105
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 639 7700
TELEFAX: (202) 639 7890

INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-477-928A-27

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5008 GCCTGGCTCCAGGAG 5024
|||||
DB 4 GCCTGGCTCCAGGAG 20

RESULT 287

US-09-422-978-11523/C
Sequence 11523, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

QY 11523
|||||
DB 21
TYPE: DNA

```
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9089 for SEQ 3658, in compleme
US-09-422-978-11523
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      273 TCTCTTCTCTCTCTCT 289
Db      17 TCTCTTTTCTCTCTCT 1
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```
RESULT 288
US-09-526-193A-170/c
; Sequence 170, Application US/09526193A
; Patent No. 6617122
```

```
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR FILING DATE: 1999-06-08
; PRIOR FILING DATE: 1999-06-17
; PRIOR FILING DATE: 1999-06-17
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-09-526-193A-170
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1656 GCGTTCTGCCAGCTCTCT 1672
Db      17 GCGTTCTGCCAGCTCTCT 1
```

```
RESULT 289
US-09-526-193A-171/c
; Sequence 171, Application US/09526193A
; Patent No. 6617122
```

```
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
```

```
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-171
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1656 GCGTTCTGCCAGCTCTCT 1672
Db      17 GCGTTCTGCCAGCTCTCT 1
```

```
RESULT 290
US-09-828-995B-103/c
; Sequence 103, Application US/09828995B
; Patent No. 6703360
```

```
; GENERAL INFORMATION:
; APPLICANT: Heska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-828-995B-103
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```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3499 GGAAGAACCGGAGGAGC 3515
Db      21 GGAAGAACCGCGGGGAC 5
```

```
RESULT 291
US-09-657-472-894
; Sequence 894, Application US/09657472
; Patent No. 6727063
```

```
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Ireland, James S.
; APPLICANT: Cargill, Michele
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
```

PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 894
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-894

Query Match
Best Local Similarity 84.2%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1027 CCAGTGGCTTCCAGAGA 1045
Db 3 CAAGTGATTTCCAGAGA 21

RESULT 292
PCT-US91-03680-36
Sequence 36, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 2..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER

OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-36

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 283 TCTCTCTCTCTCTCT 299
Db 6 TCTCTCTCTCTCTCT 22

RESULT 293
US-08-817-441-1
Sequence 1, Application US/08817441
Patent No. 6399294
GENERAL INFORMATION:
APPLICANT: CHARNEAU, PIERRE
APPLICANT: CLAVEL, FRANCOISE
APPLICANT: BORMAN, ANDREW
APPLICANT: OUILLENT, CAROLINE
APPLICANT: GUETARD, DENISE
APPLICANT: MONTAGNIER, LUC
APPLICANT: DONJON DE SAINT-MARTIN, JACQUELINE
APPLICANT: COHEN, JACQUES
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES OF HIV-1 TYPE (OR
TITLE OF INVENTION: SUBTYPE) ANTIGENS
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner, L.L.P.
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/817,441

```

1      FILING DATE: 11-JUL-1997
2      PRIOR APPLICATION DATA:
3      APPLICATION NUMBER: PCT/FR 95/01391
4      FILING DATE: 20-OCT-1995
5      PRIOR APPLICATION DATA:
6      APPLICATION NUMBER: FR 9412554
7      FILING DATE: 20-OCT-1994
8      PRIOR APPLICATION DATA:
9      APPLICATION NUMBER: FR 9502526
10     FILING DATE: 03-MAR-1995
11     ATTORNEY/AGENT INFORMATION:
12     NAME: Meyers, Kenneth J.
13     REGISTRATION NUMBER: 25,146
14     REFERENCE/DOCKET NUMBER: 03260.6005-00000
15     TELECOMMUNICATION INFORMATION:
16     TELEPHONE: 202-408-4000
17     TELEFAX: 202-408-4400
18     INFORMATION FOR SEQ ID NO: 1:
19     SEQUENCE CHARACTERISTICS:
20     LENGTH: 23 base pairs
21     TYPE: nucleic acid
22     STRANDEDNESS: single
23     TOPOLOGY: linear
24     MOLECULE TYPE: Other nucleic acid
25     DESCRIPTION: /desc = "Oligonucleotide"
26     US-08-817-441-1

```

```
Query Match      0.3%;   Score 15.4;   DB 1;   length 23;
Best Local Similarity 76.2%;   Pred. No. 7.5e+02;
Matches 16;   Conservative 2;   Mismatches 3;   Indels 0;   Gaps 0;
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```

Oy      1590 GTGAAACAGAGAGGAGAG 1610
          ||||| : |||||
Db      2 GTGGATTWYATAGAGCAGAAG 22

```

RESULT 974
 US-07-974-284A-111/C
 Sequence 111, Application US/07977284A
 Patent No. 5558988
 GENERAL INFORMATION:
 APPLICANT: Prockoff, Darwin J.
 APPLICANT: Ala-Kokko, Leena
 APPLICANT: Williams, Charlene J.
 APPLICANT: Rytvanlehti, Pertti
 APPLICANT: Baldwin, Clinton
 APPLICANT: Hopkinson, Ian
 APPLICANT: Ahmad, Nijofar Nina
 TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
 TITLE OF INVENTION: PREDISPOSITION FOR OSTEOPOROSIS
 NUMBER OF SEQUENCES: 261
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock, Maashburn, Kurtz, Mackiewicz & No. 5558988RIS
 STREET: One Liberty Place, 46th floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/977,284A
 FILING DATE: 13-NOV-1992
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Deluca, Mark
 REGISTRATION NUMBER: 33,229

REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 566-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 111:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-07-977-284A-111

Query Match	0.3%	Score 15.2	DB 1	Length 20
Best Local Similarity	85.0%	Pred. No. 6	3e+02	
Matches 17, Conservative	0	Mismatches 3	Indels 0	Gaps 0

```

QY      4158 GCTGCTCTCTGCGCCAGC 4177
          ||||| ||||| |||||
Db      20 GCTGATCTAATGCCCGAC 1

```

RESULT 295
US-08-250-856A-27
; Sequence 27, Application US/08250856A
; Patent No. 5563255

```

: GENERAL INFORMATION:      Brett P. and Boggs, Russell T.
: APPLICANT:      Monta,
: TITLE OF INVENTION:      Antisense Oligonucleotide Modulation
: TITLE OF INVENTION:      of raf Gene Expression
: NUMBER OF SEQUENCES:      39

```

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
;

```

```

1 COMPUTER: IBM PS/2
2 OPERATING SYSTEM: PC-DOS
3 SOFTWARE: WORDPERFECT 5.1
4 CURRENT APPLICATION DATA:
5 APPLICATION NUMBER: US/08/250,856A
6 FILING DATE: May 31, 1994
7 CLASSIFICATION: 435
8 PRIOR APPLICATION DATA:
9 APPLICATION NUMBER:
10 FILING DATE:
11 ATTORNEY/AGENT INFORMATION:
12 NAME: Jane Massey Licata
13 REGISTRATION NUMBER: 32,257
14 REFERENCE/DOCKET NUMBER: ISPH-0094
15 TELECOMMUNICATION INFORMATION:
16 TELEPHONE: (609) 779-2400
17 TELEFAX: (609) 779-8488
18 INFORMATION FOR SEQ ID NO: 27:
19 SEQUENCE CHARACTERISTICS:
20 LENGTH: 20
21 TYPE: Nucleic Acid
22 STRANDEDNESS: Single
23 TOPOLOGY: Linear
24 ANTI-SENSE: Yes
25
26 US-08-250-856A-27

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 6.3e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps

QY 4155 CTTGCTGGCTCCTCCTGCC 4174
|||||
Db 1 CCTGTGGCTTCTCCTCTC 20

RESULT 296
US-08-117-952-43/C
Sequence 43, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-43

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5060 CAGCCTTTCTCTCTATCTC 5079
DB 20 CAGCCTTGTCTCTCACTCTC 1

RESULT 297
US-08-468-037A-13
Sequence 13, Application US/08468037A
Patent No. 5859221
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.

ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,037A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Luccl
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-468-037A-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGCTCTCTCTGCC 4174
DB 1 CCTGCTGCTCTCTCTCTC 20

RESULT 298
US-08-471-973A-13
Sequence 13, Application US/08471973A
Patent No. 5872232
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,973A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Luccl
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-471-973A-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGCTCTCTCTGCCC 4174
Db 1 CCTGCTGCTCTCTCTCTC 20

RESULT 299
US-08-588-521-6/c
Sequence 6, Application US/08588521
Patent No. 5907079
GENERAL INFORMATION:
APPLICANT: Mak, Tak W.
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: Mismatch Repair Deficient Animals
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,521
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32328
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-588-521-6

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2068 ACAAGGAGCCGTGGGGGTG 2087
Db 20 ACAAGAGAGCTGTGTGTGTG 1

RESULT 300
US-08-256-426B-111/c
Sequence 111, Application US/08256426B
Patent No. 5948611

GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-koko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rivanheml, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nijofor Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-1100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 111:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-08-256-426B-111

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4158 GCTGCTCTCTCTGCCCCAGC 4177
Db 20 GCTGATCTTAATGCCAGC 1

RESULT 301
US-08-756-806A-27
Sequence 27, Application US/08756806A
Patent No. 5952229
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,806A
FILING DATE: No. 5952229ember 26, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-756-806A-27

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGGCTCTCTCTGCCC 4174
DB 1 CCTGCTGGCTCTCTCTCTCTC 20

RESULT 302
US-08-465-880-13
Sequence 13, Application US/08465880
Patent No. 5955589
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,880
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 244,993
FILING DATE: 21-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-465-880-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGGCTCTCTCTGCCC 4174
DB 1 CCTGCTGGCTCTCTCTCTC 20

RESULT 303
US-09-130-114-34/C
Sequence 34, Application US/09130114
Patent No. 5976807
GENERAL INFORMATION:
APPLICANT: Horlick, Robert A.
APPLICANT: Damaj, Bassem B.
APPLICANT: Robbins, Alan K.
TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
FILE REFERENCE: 0867/ID903US1
CURRENT APPLICATION NUMBER: US/09/130,114
CURRENT FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: pm3CCR2ep
US-09-130-114-34

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 440 GCCTCGCTCCCTCGGTGG 459
DB 20 GCCTCGCTCTACTGCTGG 1

RESULT 304
US-09-035-357-13
Sequence 13, Application US/09035357
Patent No. 6005087
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035,357
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-035-357-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGCTCCTCCTGCCC 4174
Db 1 CCTGCTGCTCCTCCTCCTC 20

RESULT 305
US-08-914-961-2
Sequence 2, Application US/08914961
Patent No. 6018042
GENERAL INFORMATION:
APPLICANT: Mett, Helmut
APPLICANT: Haner, Robert
APPLICANT: Dean, Nicholas Mark
TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
City: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Editor
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/914,961
FILING DATE: 20-AUG-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/287,753
FILING DATE: 09-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 4-20047/P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8615
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES

POSITION IN GENOME:
MAP POSITION: -80
UNITS: bp
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..20
OTHER INFORMATION: /note="All nucleotides are of the
OTHER INFORMATION: phosphorothioate type"
US-08-914-961-2

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3917 CCCGAGCGCGCGCGCGCGC 3936
Db 1 CCCGCGCTGCGCGCGCGCGC 20

RESULT 306
US-08-890-719-16
Sequence 16, Application US/08890719A
Patent No. 6075125
GENERAL INFORMATION:
APPLICANT: Bacon, Larry D
APPLICANT: Hunt, Henry D
TITLE OF INVENTION: Production of Antisera Specific to Major
FILE REFERENCE: Dkt 0064.96 - Larry D. Bacon et al.
CURRENT APPLICATION NUMBER: US/08/890,719A
EARLIER APPLICATION NUMBER: 60/021,685
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Gallus gallus
US-08-890-719-16

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 403 CACCAAGAGCAACGGCGG 422
Db 1 CACCAAGAGCAATGGGAGG 20

RESULT 307
US-09-143-214-27
Sequence 27, Application US/09143214
Patent No. 6090626
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
City: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:

```
APPLICATION NUMBER: US/09/143,214
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: No. 6090626ember 26, 1996
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-143-214-27
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4155 CCTGCTGGCTCTCTCCGCCC 4174
DB 1 CCTGCTGGCTCTCTCTCCGCCC 20
```

```
RESULT 308
US-09-000-136-13
Sequence 13, Application US/09000136
Patent No. 6096720
GENERAL INFORMATION:
APPLICANT: Love, William G
APPLICANT: Sharmen, Thomas
APPLICANT: Phillips, Judith A
APPLICANT: Nicklin, Paul L
APPLICANT: Hamilton, Karen O
TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
FILE REFERENCE: 4-20536/A/MA 2112
CURRENT FILING DATE: 1998-04-23
CURRENT APPLICATION NUMBER: US/09/000,136
EARLIER FILING DATE: 1998-04-23
EARLIER APPLICATION NUMBER: GB 9515743.4
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
OTHER INFORMATION: oligonucleotide has uniform phosphorothioate
OTHER INFORMATION: backbone and nucleotides 10-20 are substituted by
OTHER INFORMATION: methoxy at the 2' position of the sugar moiety
US-09-000-136-13
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4155 CCTGCTGGCTCTCTCCGCCC 4174
DB 1 CCTGCTGGCTCTCTCTCCGCCC 20
```

```
RESULT 309
US-09-344-914-50/C
Sequence 50, Application US/09344914
Patent No. 6110664
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT FILING DATE: 1999-06-25
CURRENT APPLICATION NUMBER: US/09/344,914
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-50
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2320 AAAAAATCAAGCAGCAGCAG 2339
DB 20 AATAAATAAAACAGCAGCAG 1
```

```
RESULT 310
US-09-428-584-18/C
Sequence 18, Application US/09428584
Patent No. 6136604
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 EXPRESSION
FILE REFERENCE: RTS-0114
CURRENT FILING DATE: 1999-10-27
CURRENT APPLICATION NUMBER: US/09/428,584
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-584-18
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2800 AGAAGAGAGAAATGAGAA 2819
DB 20 AAGAAGAGAGAAAGAGAA 1
```

```
RESULT 311
US-09-167-921-11/C
Sequence 11, Application US/09167921A
Patent No. 6172216
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Zhang, QingJing
TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISPH-0324
CURRENT FILING DATE: 1998-10-07
CURRENT APPLICATION NUMBER: US/09/167,921A
```

```
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-921-11

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGGAGCTGTGTCGACGTTT 2849
Db 20 GGGAGCTGTGTCGTTGACTTT 1

RESULT 312
US-09-323-743-11/c
; Sequence 11, Application US/09323743
; Patent No. 6214986
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Nickoloff, Brian J.
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISPH-0368
; CURRENT APPLICATION NUMBER: US/09/323,743
; EARLIER FILING DATE: 1999-06-01
; EARLIER APPLICATION NUMBER: 09/277,020
; EARLIER FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 09/167,921
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-323-743-11

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGGAGCTGTGTCGACGTTT 2849
Db 20 GGGAGCTGTGTCGTTGACTTT 1

RESULT 313
US-09-313-932-275
; Sequence 275, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 275
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-275

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1602 AAGAGAGAGCTCTCGGAA 1621
Db 1 AAGAGAGAGCTCTGAGAA 20

RESULT 314
US-09-657-481A-60/c
; Sequence 60, Application US/09657481A
; Patent No. 6258601
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WWP1 AND W
; FILE REFERENCE: RTS-0087
; CURRENT APPLICATION NUMBER: US/09/657,481A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-60

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1651 GAGAGGCTTCTGCCAGCTC 1670
Db 20 GATATGCACTCTGCCAGCTC 1

RESULT 315
US-09-593-711A-72
; Sequence 72, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-72

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1368 CCTGAGTCTCCGACCGGCC 1387
Db 1 CCGAGCTCTCAGCCCGGCC 20
```

RESULT 316

US-09-158-863C-65/c
; Sequence 65, Application US/09158863C
; Patent No. 6280978
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Bianco, Mariano A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
; FILE OF INVENTION: SPLEOSOME MEDIATED RNA TRANS-SPLICING
; FILE REFERENCE: 31304-B-A
; CURRENT APPLICATION NUMBER: US/09/158,863C
; CURRENT FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR FILING DATE: 1996-12-13
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1995-12-07
; PRIOR FILING DATE: 1995-12-07
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice junction sequence
US-09-158-863C-65

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1953 ATCCAGCGCTCTGGAACAT 1972

DB 20 ATCATCAGCGCTCTGGAACAT 1

RESULT 317

US-09-277-078-58
; Sequence 58, Application US/09277078
; Patent No. 6312949
; GENERAL INFORMATION:
; APPLICANT: Sakurada, Kazuhiro
; APPLICANT: Palmer, Theo
; APPLICANT: Gage, Fred H.
; TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 07251/031001
; CURRENT APPLICATION NUMBER: US/09/277,078
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotides for PCR
US-09-277-078-58

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3371 GCCCTGACGGAGGAAGTC 3390

DB 1 GACGTGATGGAGGAAGTC 20

RESULT 318

US-09-082-649B-25
; Sequence 25, Application US/09082649B
; Patent No. 6339068
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schott, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; FILE OF INVENTION: Therapeutic Protocols
; FILE REFERENCE: C1039/7009
; CURRENT APPLICATION NUMBER: US/09/082,649B
; CURRENT FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-25

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 300 TCGTTCTGTATGAGAG 319

DB 1 TCGTTCTGTATGAGAG 20

RESULT 319

US-09-135-202-13
; Sequence 13, Application US/09135202
; Patent No. 6399754
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: 1SIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-135-202-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGCTCTCTCTGCCC 4174
Db 1 CTCGCTGCTTCTCTCTC 20

RESULT 320
US-09-844-634-45
Sequence 45, Application US/09844634
Patent No. 6410324
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-45

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4143 CTCCTGGACCTCTCTGCTG 4162
Db 1 CTCGAGGAGCTCTGCTG 20

RESULT 321
US-09-506-073-28
Sequence 28, Application US/09506073
Patent No. 6410518
GENERAL INFORMATION:
APPLICANT: Monica, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence

FEATURE:
OTHER INFORMATION: antisense sequence
US-09-506-073-28

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4155 CCTGCTGCTCTCTCTGCCC 4174
Db 1 CTCGCTGCTTCTCTCTC 20

RESULT 322
US-09-742-703-32
Sequence 32, Application US/09742703
Patent No. 6423543
GENERAL INFORMATION:
APPLICANT: Patrick Allen Marcotte
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSEIN EXPRESSION
FILE REFERENCE: RTS-0090
CURRENT APPLICATION NUMBER: US/09/742,703
CURRENT FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-32

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3838 TCAGTCCGAGCCCGGCG 3857
Db 1 TCAGACCAAGTCCCGAG 20

RESULT 323
US-09-702-327-17
Sequence 17, Application US/09702327
Patent No. 6426220
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-17

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 482 GCGGCCAGCCGAGGAGGC 501
Db 1 GACGCCAGCCGAGGAGGC 20

RESULT 324
US-09-676-610B-93/C

```
; Sequence 93, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-93

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3833 CCGGTCAGCTCCGAGGCC 3852
DB      20 CCGGTCGCTCTCAGGACC 1

RESULT 325
US-08-802-331-13
; Sequence 13, Application US/08802331
; Patent No. 6451991
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D.
; APPLICANT: Monia, Brett
; APPLICANT: Martin, Pierre
; APPLICANT: Altman, Karl-Heinz
; TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
; FILE REFERENCE: ISNO0083
; CURRENT APPLICATION NUMBER: US/08/802,331
; CURRENT FILING DATE: 1997-02-11
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-13

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4155 CCTGCTGCTCTCTCTGCCC 4174
DB      1 CCTGCTGCTCTCTCTCTC 20

RESULT 326
US-09-553-690-34/c
; Sequence 34, Application US/09553690
; Patent No. 6476296
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert L.
; APPLICANT: Choi, Yoonhee
; APPLICANT: Hannon, Mike
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Nucleic Acids That Control Seed and
; FILE REFERENCE: 023070-099900US
; CURRENT APPLICATION NUMBER: US/09/553,690
```

```
; CURRENT FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer SKB-3
US-09-553-690-34

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1184 CCGAGCCCTCCCATCCCTGG 1203
DB      20 CCGAGCATCCCATCTCTGG 1

RESULT 327
US-09-657-346A-110/c
; Sequence 110, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-110

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      821 GGAGGAGAGGACAGGCGC 840
DB      20 GGAGGAGAGGACAGGCGC 1

RESULT 328
US-09-389-283-13
; Sequence 13, Application US/09389283
; Patent No. 6531584
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584r18
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/389,283
```



```
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/035,357
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: 1SIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
;
US-09-389-283-13

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4155 CCTGCTGGCTCTCTCTGCCC 4174
DB      1 CCTGCTGGCTCTCTCTCTCTC 20

RESULT 329
US-09-422-978-10366/c
; Sequence 10366, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11449 for SEQ 2501, in complete
US-09-422-978-10366

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4923 CACAGTTAGCCAAAGCCGCC 4942
DB      20 CAGAGTTAGCCAAAGTCCCC 1

RESULT 330
US-09-422-978-10608
; Sequence 10608, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
```

```
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10608
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-16751 for SEQ 2743, in complete
US-09-422-978-10608

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3475 AGGAGTCAAGAGCCCACTGAC 3494
DB      1 AGGAGACAAGAGCCCAAGAC 20

RESULT 331
US-09-198-452A-2051/c
; Sequence 2051, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2051
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2051

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2098 TCAATGAAAGCTCTTAGGG 2117
DB      20 TCAATGAAAGCTCTTAGGG 1

RESULT 332
US-09-198-452A-2860/c
; Sequence 2860, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
```

NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2860
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-4524-2860

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4242 TGCCTGTGAGGCTTAGCACC 4261
DB 20 TGCCTGTGAGCTTATCTCC 1

RESULT 333
US-09-601-144-30/C
Sequence 30, Application US/09601144
Patent No. 6566514
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
APPLICANT: Lee, Yoon S.
TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
FILE REFERENCE: 683-112US-A
CURRENT APPLICATION NUMBER: US/09/601,144
CURRENT FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: US 60/073,196
PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-601-144-30

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3796 CCGCGCGGCGGACAGAGC 3815
DB 20 CTGCCGCGGCGGACAGC 1

RESULT 334
US-09-860-473-33/C
Sequence 33, Application US/09860473
Patent No. 6656732
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 CTCCTTCTCTCTCTCT 293
DB 20 CTCCTTCTCTCTCATCT 1

RESULT 335
PCT-US95-07111A-27
Sequence 27, Application PC/TUS9507111A
GENERAL INFORMATION:
APPLICANT: Montia, Brett P. and Rogers, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111A
FILING DATE: May 31, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
PCT-US95-07111A-27

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CCTGCTGCTCTCTGCCC 4174
DB 1 CCTGCTGCTCTCTCTCTC 20

RESULT 336
US-08-086-915-8/C
Sequence 8, Application US/08086915
Patent No. 5444167
GENERAL INFORMATION:
APPLICANT: Petersson, Kim SI
TITLE OF INVENTION: Variant Lateinizing Hormone Encoding DNA
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Adduci, Mastriani, Schumberg & Schill
STREET: 1140 Connecticut Avenue, N.W., Suite 250
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20036
COMPUTER READABLE FORM:

```

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/086,915
FILING DATE: 07-JUL-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kudovcick, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: 15873005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-467-6300
TELEFAX: 202-466-2006
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-086-915-8

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5076 TCTCTGTGCTTCACGCTCT 5095
DB 21 TCCCTGTGCTCTCAGCTGT 2

RESULT 337
US-08-182-175A-23
Sequence 23, Application US/08182175A
Patent No. 5559223
GENERAL INFORMATION:
APPLICANT: Saverio Carl Falco
APPLICANT: Sharon J. Keeler
APPLICANT: Janet A. Rice
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. du Pont de Nemours and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: USA
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,175A
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Akametchy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
TELEX: 835420
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
```

```

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
US-08-182-175A-23

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2800 AGGAGGAGAAATGAAGA 2819
DB 2 ATGAGAGAGAAATGAAGA 21

RESULT 338
US-08-211-430-15
Sequence 15, Application US/08211430
Patent No. 5763166
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH
TITLE OF INVENTION: X CHROMOSOME LINKED KALLMANN SYNDROME, CORRESPONDING
NUMBER OF SEQUENCES: 32
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/211,430
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORGANISM: Homo sapiens
US-08-211-430-15

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4876 GTGCAGATTCCTGCGCC 4895
DB 2 GTGACATGTTCCCTGCTC 21

RESULT 339
US-08-474-633A-45
Sequence 45, Application US/08474633A
Patent No. 5773691
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
APPLICANT: COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND
TITLE OF INVENTION: METHODS FOR INCREASING
TITLE OF INVENTION: INCREASING THE LYSINE
TITLE OF INVENTION: AND THREONINE CONTENT
TITLE OF INVENTION: OF THE SEEDS OF PLANTS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS
```

ADDRESSEE: AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19698
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,633A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. STEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic"
OTHER INFORMATION: oligonucleotide"
OTHER INFORMATION: /standard_name= "SM"
OTHER INFORMATION: 90"
US-08-474-633A-45

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2800 AGGAGAGAGAAATGAAGAA 2819
Db 2 ATCGAGAGAGAGATGAAGAA 21

RESULT 340
US-08-957-156-4/c
Sequence 4, Application US/08957156
Patent No. 5985544
GENERAL INFORMATION:
APPLICANT: KASPER, P.
TITLE OF INVENTION: PRIMERS AND PROBES FOR THE DETECTION OF HIV
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIKAI DO, MARCELSTEIN, MURRAY & ORAM LLP
STREET: 655 Fifteenth Street, N. W., Suite 330, G
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/957,156
FILING DATE: 24-OCT-1997
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 196 44 248.6
FILING DATE: 24-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Costantino, Karen K.
REGISTRATION NUMBER: 35,107
REFERENCE/DOCKET NUMBER: P1614-7068
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/638-5000
TELEFAX: 202/638-4810
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-957-156-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2616 CCTGCTTTGCCCATTTGA 2635
Db 21 CCTTCTTGGCCCATTTGA 2

RESULT 341
US-08-689-421-30
Sequence 30, Application US/08689421
Patent No. 6008029
GENERAL INFORMATION:
APPLICANT: Yaver, Debbie S.
APPLICANT: Brown, Kimberley M.
APPLICANT: Kauppinen, Sakari
APPLICANT: Halkley, Torben P
TITLE OF INVENTION: PURIFIED COPRINUS LACCASES AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESS: No. 60080290 No. 6008029disk of No. 6008029th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,421
FILING DATE: 9-AUG-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 4554.204-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-689-421-30

Query Match 0.3%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3097 AGCTCTGACTTGCTGAG 3116
Db 1 AGCTCGATGACTTGTACG 20

RESULT 342
US-09-255-912-3

Sequence 3, Application US/09255912
Patent No. 6037142
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD2 EXPRESSION
FILE REFERENCE: RTS-0044
CURRENT APPLICATION NUMBER: US/09/255,912
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-255-912-3

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1194 CCATCCCTGAGTCTGCA 1213
Db 2 CCATCCGAGGCTCTTCA 21

RESULT 343

US-08-485-942A-71/c
Sequence 71, Application US/08485942A
Patent No. 6048837
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KEIAN GAJIMALA, AND STEPHEN K. BURL
TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
AMENDED)
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,942A
FILING DATE: JUNE 7, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6048837ember 30, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: sequence tagged-site specific PCR primer sWS52619

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTCTCTCCCTAAGC 3600
Db 21 CCAGAGTCTCTCCCTTAC 2

RESULT 344

US-08-488-214A-71/c
Sequence 71, Application US/08488214A
Patent No. 6124439
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KEIAN GAJIMALA, AND STEPHEN K. BURL
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,214A
FILING DATE: JUNE 7, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124439ember 30, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWS52619
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-488-214A-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTCTCTCCCTTAAGC 3600
DB 21 CCAGAGTCTCTCCCTTAAC 2

RESULT 345
US-08-488-208A-71/c
Sequence 71, Application US/08488208A
Patent No. 6124448
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,208A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124448embd 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Bsq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I

TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWS52619
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-488-208A-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTCTCTCCCTTAAGC 3600
DB 21 CCAGAGTCTCTCCCTTAAC 2

RESULT 346
US-09-389-528-30
Sequence 30, Application US/09389528
Patent No. 6207430
GENERAL INFORMATION:
APPLICANT: Yaver, Debbie S.
APPLICANT: Brown, Kimberly M.
APPLICANT: Kaupinen, Sakari
APPLICANT: Hakler, Torben P
TITLE OF INVENTION: PURIFIED COPRINUS LACCASES AND NUCLEIC ACIDS
TITLE OF INVENTION: ENCODING SAME
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6207430c of No. 6207430ch America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/389,528
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/689,421
FILING DATE: 9-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 4554.204-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-389-528-30

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3097 AGCTCTATGACTTGTGAG 3116
Db 1 AGCTCGATGACTTGTGACG 20

RESULT 347
US-09-181-827A-30
; Sequence 30, Application US/09181827A
; Patent No. 6242232
; GENERAL INFORMATION:
; APPLICANT: Yaver, Debbie S.
; APPLICANT: Brown, Kimberly M.
; APPLICANT: Kaupinen, Sakari
; APPLICANT: Halkier, Torben P.
; TITLE OF INVENTION: Purified Coprinus Laccases And Nucleic
; FILE REFERENCE: 4554.200-US
; CURRENT APPLICATION NUMBER: US/09/181.827A
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/002,800
; PRIOR FILING DATE: 1995-08-25
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FaalSEQ for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Coprinus cinereus
US-09-181-827A-30

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3097 AGCTCTATGACTTGTGAG 3116
Db 1 AGCTCGATGACTTGTGACG 20

RESULT 348
US-08-483-211A-71/C
; Sequence 71, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483.211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563

FILING DATE: No. 6309853ember 30, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP21

TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: sequence tagged-site specific PCR primer sWS2619

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:
ORGANISM: Human

US-08-483-211A-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3581 CCGAGTTCCTCCCTTAAC 3600
Db 21 CCGAGTTCCTCCCTTAAC 2

RESULT 349
US-08-488-223A-71/C
; Sequence 71, Application US/08488223A
; Patent No. 6350730
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; TITLE OF INVENTION: ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES TH:
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488.223A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6350730ember 30, 1994
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994

ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer SWS2619
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 71:
US-08-488-223A-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTTCCTCCCTAAGC 3600
DB 21 CCAGAGTTCCTCCCTTAAC 2

RESULT 350
US-08-438-431A-71/c
Sequence 71, Application US/08438431A
Patent No. 6423290
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,431A
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: August 17, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer SWS2619
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-438-431A-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCTGAGTTCCTCCCTAAGC 3600
DB 21 CCAGAGTTCCTCCCTTAAC 2

RESULT 351
US-08-823-771-45
Sequence 45, Application US/08823771
Patent No. 6459019
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND
METHODS FOR INCREASING
INCREASING THE LYSINE
AND THREONINE CONTENT
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS
AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/823,771
FILING DATE: 24-Mar-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/474,633
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic"

oligonucleotide"
/standard_name="SM
90"
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-08-823-771-45

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2800 AGGAGGAGAAATGAAGAA 2819
Db 2 ATGAGGAGAGAAATGAAGAA 21

RESULT 352
US-08-488-225A-71/c
Sequence 71, Application US/08488225A
Patent No. 6471956
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,225A
FILING DATE: June 7, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/483,211
FILING DATE: June 7, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6471956member 30, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer
DESCRIPTION: SMS92619

HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-488-225A-71

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3581 CCGAGTCTCTTCCCTTACG 3600
Db 21 CCAGAGTCTCTTCCCTTAC 2

RESULT 353
PCT-US92-06412-23
Sequence 23, Application PC/TUS9206412
GENERAL INFORMATION:
APPLICANT: Saverio Carl Falco
APPLICANT: Sharon J. Keeler
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: E.I. du Pont de Nemours and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: USA
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06412
FILING DATE: 19920807
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamechy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
TELEX: 835420
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 90"
PCT-US92-06412-23

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2800 AGGAGGAGAAATGAAGAA 2819
Db 2 ATGAGGAGAGAAATGAAGAA 21

RESULT 354
US-08-643-704A-35
; Sequence 35, Application US/08643704A
; Patent No. 6096865
; GENERAL INFORMATION:
; APPLICANT: MICHAELS, Mark
; APPLICANT: MANN, Michael
; TITLE OF INVENTION: MUTANTS OF THE GREEN FLUORESCENT PROTEIN
; TITLE OF INVENTION: HAVING IMPROVED FLUORESCENCE AT 37 DEGREES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: US
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/643,704A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CRANDALL, Craig A.
; REGISTRATION NUMBER: 38,416
; REFERENCE/DOCKET NUMBER: A-404
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
US-08-643-704A-35

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2649 TCCCACTTGTCTCCAGAA 2668
DB 3 TTCATTGTGTCCAGAA 22

RESULT 355
US-09-552-950-9/c
; Sequence 9, Application US/09552950
; Patent No. 6541248
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Limited
; TITLE OF INVENTION: Anti-Viral Vectors
; FILE REFERENCE: 674524-2004
; CURRENT APPLICATION NUMBER: US/09/552,950
; CURRENT FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cleavage site GAG 3
US-09-552-950-9

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2620 TCTTGGCCACATTGAGCA 2639
DB 20 TCTTGGCCACATTGAAACA 1

RESULT 356
US-09-523-263B-32/c
; Sequence 32, Application US/09523263B
; Patent No. 6638750
; GENERAL INFORMATION:
; APPLICANT: Aurora et al.
; TITLE OF INVENTION: Methionine aminopeptidase type 3
; FILE REFERENCE: S03181-00-US
; CURRENT APPLICATION NUMBER: US/09/523,263B
; CURRENT FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/125,139
; PRIOR FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens MAP3 REV1.2 primer
US-09-523-263B-32

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 GCAGCTTGACATGAGGGGC 441
DB 21 GCAGCTTGACAGAGGGGC 2

RESULT 357
US-08-983-605-197
; Sequence 197, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum Aestivum and Tribe Triticaceae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 204.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 197
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-197

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 TCTCTTCTCTCTCTCTC 294
DB 3 TCGCTTCATCTCTCTCTC 22

RESULT 358
US-09-936-572-18/c
; Sequence 18, Application US/09936572
; Patent No. 6783981
; GENERAL INFORMATION:
; APPLICANT: UDEN, MARK
; APPLICANT: MITROPHANOUS, KYRIACOS
; TITLE OF INVENTION: ANTI-VIRAL VECTORS

FILE REFERENCE: 078883/0137
CURRENT APPLICATION NUMBER: US/09/936,572
CURRENT FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: PCT/GB00/01002
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: GB 9906177.2
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 22
TYPE: RNA
ORGANISM: Human immunodeficiency virus type 1
US-09-936-572-18

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2620 TCTTGGCAGATTGAGCA 2639
Db 20 TCTTGGCAGATTGAAACA 1

RESULT 359
US-08-173-489C-362
Sequence 362, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: US518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 362:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from p53 gene
HYPOTHEICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 362 : FROM 1 TO 23

US-08-173-489C-362

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4163 CTCCTCTGCGCAGTTTCT 4182
Db 4 CTCCTCTGCGCAGTTTCT 23

RESULT 360
US-08-739-069-15/c
Sequence 15, Application US/08739069
Patent No. 5963225
GENERAL INFORMATION:
APPLICANT: Ramberg, Elliot R.
TITLE OF INVENTION: Methods and Compositions for Detection
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jones & Askew
STREET: 191 Peachtree Street, 37th Floor
CITY: Atlanta
STATE: Georgia
COUNTRY: U.S.A.
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/739,069
FILING DATE: 25-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/005,938
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Merchant, Mary Anthony
REGISTRATION NUMBER: 39,771
REFERENCE/DOCKET NUMBER: 03038-0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 818-3700
TELEFAX: (404) 818-3799
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHEICAL: YES
ANTI-SENSE: NO
US-08-739-069-15

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1713 GACATGATGACCATTTTCAT 1732
Db 23 GACATGATGACCATTTTCAT 4

RESULT 361
US-08-578-096A-4/c
Sequence 4, Application US/08578096A
Patent No. 5980906
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Avian herpesvirus-based live recombinant

/ TITLE OF INVENTION: avian vaccine
/ NUMBER OF SEQUENCES: 28
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/578,096A
/ FILING DATE:
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ US-08-578-096A-4

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2864 AAAGCTGAAGCCCATATCT 2883
DB 21 ACAGCGGAGGCCCATATCT 2

RESULT 362

US-09-240-426-4/c
/ Sequence 4, Application US/09240426
/ Patent No. 6045803
/ GENERAL INFORMATION:

/ APPLICANT:
/ TITLE OF INVENTION: Avian herpesvirus-based live recombinant
/ NUMBER OF SEQUENCES: 28
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/240,426
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/578,096
/ FILING DATE:
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ US-09-240-426-4

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2864 AAAGCTGAAGCCCATATCT 2883
DB 21 ACAGCGGAGGCCCATATCT 2

RESULT 363

US-09-313-121-15/c
/ Sequence 15, Application US/09313121
/ Patent No. 6100040
/ GENERAL INFORMATION:
/ APPLICANT: Rambert, Elliot R.
/ TITLE OF INVENTION: Methods and Compositions for Detection

/ TITLE OF INVENTION: of Specific Nucleotide Sequences
/ NUMBER OF SEQUENCES: 15
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Jones & Askew
/ STREET: 191 Peachtree Street, 37th Floor
/ CITY: Atlanta
/ STATE: Georgia
/ COUNTRY: U.S.A.
/ ZIP: 30303

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/313,121

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/739,069

FILING DATE: 25-OCT-1996

APPLICATION NUMBER: US 60/005,938

FILING DATE: 27-OCT-1995

ATTORNEY/AGENT INFORMATION:

NAME: Merchant, Mary Anthony

REGISTRATION NUMBER: 39,771

REFERENCE/DOCKET NUMBER: 03038-0110

TELECOMMUNICATION INFORMATION:

TELEPHONE: (404) 818-3700

TELEFAX: (404) 818-3799

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: YES

ANTI-SENSE: NO

US-09-313-121-15

Query Match 0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1713 GACATGATCACCCTTCAT 1732
DB 23 GACAGCATGACCATCTTCT 4

RESULT 364

US-09-074-357-16/c

/ Sequence 16, Application US/09074357

/ Patent No. 6133024

/ GENERAL INFORMATION:

/ APPLICANT: GIOVANNANGELI, CARINE

/ TITLE OF INVENTION: GENE EXPRESSION CONTROL

/ NUMBER OF SEQUENCES: 17

/ CORRESPONDENCE ADDRESS:

/ STREET: 500 Arcola Rd. 3c43

/ CITY: Collegeville

/ STATE: PA

/ COUNTRY: USA

/ ZIP: 19426

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/074,357

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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,274
; FILING DATE:
; APPLICATION NUMBER: FR 93-15798
; FILING DATE: 29-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 94-01536
; FILING DATE: 27-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: 38,619
; REFERENCE/DOCKET NUMBER: EX93022-US
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-074-357-16

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      268 CCCTCTCTCTCTCTCTCTCTCT 287
DB      23 CCTTCTCTCTCTCTCTCTCTCT 4

RESULT 365
US-09-633-848-15/c
; Sequence 15, Application US/09633848
; Patent No. 6458540
; GENERAL INFORMATION:
; APPLICANT: Rambert, Elliot
; TITLE OF INVENTION: Methods and Compositions for Detection of Specific Nucleotide Seq
; FILE REFERENCE: 03038-0112 42892-215809
; CURRENT APPLICATION NUMBER: US/09/633,848
; CURRENT FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 60/005,938
; PRIOR FILING DATE: 1995-10-27
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: FITC labelled Reporter Probe
; US-09-633-848-15

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1713 GACATGATCAGCATCTTCAT 1732
DB      23 GACACGATAGCATCTTCAT 4

RESULT 366
US-09-086-663A-5
; Sequence 5, Application US/09086663A
; Patent No. 6518063
; GENERAL INFORMATION:
; APPLICANT: DUCY, PATRICIA
; APPLICANT: KARSENTY, GERARD
```

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; TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: UTSC:525
; CURRENT APPLICATION NUMBER: US/09/086,663A
; CURRENT FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 60/080,189
; PRIOR FILING DATE: 1998-03-24
; PRIOR APPLICATION NUMBER: 60/048,430
; PRIOR FILING DATE: 1997-05-29
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-086-663A-5

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4908 GCAGCCATCAGCCAGCCAG 4927
DB      2 GCTGCAATCAGCCAGCCAG 21

RESULT 367
US-09-086-663A-8
; Sequence 8, Application US/09086663A
; Patent No. 6518063
; GENERAL INFORMATION:
; APPLICANT: DUCY, PATRICIA
; APPLICANT: KARSENTY, GERARD
; TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: UTSC:525
; CURRENT APPLICATION NUMBER: US/09/086,663A
; CURRENT FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 60/080,189
; PRIOR FILING DATE: 1998-03-24
; PRIOR APPLICATION NUMBER: 60/048,430
; PRIOR FILING DATE: 1997-05-29
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-086-663A-8

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4908 GCAGCCATCAGCCAGCCAG 4927
DB      2 GCTGCAATCAGCCAGCCAG 21

RESULT 368
US-09-086-663A-9
; Sequence 9, Application US/09086663A
; Patent No. 6518063
; GENERAL INFORMATION:
; APPLICANT: DUCY, PATRICIA
; APPLICANT: KARSENTY, GERARD
; TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: UTSC:525
; CURRENT APPLICATION NUMBER: US/09/086,663A
```

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: CURRENT FILING DATE: 1998-05-29
: PRIOR APPLICATION NUMBER: 60/080,189
: PRIOR FILING DATE: 1998-03-24
: PRIOR APPLICATION NUMBER: 60/048,430
: PRIOR FILING DATE: 1997-05-29
: NUMBER OF SEQ ID NOS: 83
: SOFTWARE: Patent In Ver. 2.1
: SEQ ID NO 9
: LENGTH: 23
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
: OTHER INFORMATION: Primer
US-09-086-663A-9

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8, 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0

Oy      4908 GCAGCATCACCAGCCAGCAG 4927
      ||||| ||||| |||||
Db      2 GCTGCATCACCAGCAGCAG 21

RESULT 369
US-08-367-069-10
: Sequence 10, Application US/08367069
: Patent No. 5811538
: GENERAL INFORMATION:
: APPLICANT: Timothy A. Riley
: APPLICANT: Mark A. Reynolds
: APPLICANT: Lloyd R. Snyder
: APPLICANT: Robert E. Klem
: TITLE OF INVENTION: IMPROVED PROCESS FOR THE
: NUMBER OF SEQUENCES: 17
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 MB
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FASTSEQ Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/367,069
: FILING DATE: December 30, 1994
: CLASSIFICATION: 536
: PRIOR APPLICATION DATA:
: PRIOR APPLICATION DATA: including application
: PRIOR APPLICATION DATA: described below:
: APPLICATION NUMBER: 08/176,851
: FILING DATE: 30 December 1993
: CLASSIFICATION: 536
: ATTORNEY/AGENT INFORMATION:
: NAME: BIGGS, SUZANNE L.
: REGISTRATION NUMBER: 30,158
: REFERENCE/DOCKET NUMBER: 210/209
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 10:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 16 base pairs
: TYPE: nucleic acid

```

```

: STRANDEDNESS: single
: TOPOLOGY: linear
US-08-367-069-10

Query Match      0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 53.3%; Pred. No. 4.5e+02;
Matches 8; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCT 295
Db      2 UCUCUCUCUCUCCT 16

RESULT 370
US-08-885-126-7
: Sequence 7, Application US/08885126A
: Patent No. 5955597
: GENERAL INFORMATION:
: APPLICANT: Arnold, Lyle J.
: APPLICANT: Riley, Timothy A.
: APPLICANT: Reynolds, Mark A.
: APPLICANT: Schwartz, David A.
: TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
: TITLE OF INVENTION: OLIGOMERS
: FILE REFERENCE: GENTA.020FW2
: CURRENT APPLICATION NUMBER: US/08/885.126A
: EARLIER FILING DATE: 1997-06-30
: EARLIER APPLICATION NUMBER: 08/343.018
: EARLIER FILING DATE: 1994-11-21
: EARLIER APPLICATION NUMBER: 08/154.013
: EARLIER FILING DATE: 1993-11-16
: NUMBER OF SEQ ID NOS: 22
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 7
: LENGTH: 16
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-7

Query Match      0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCT 295
Db      2 TCTCTCTCTCTCT 16

RESULT 371
US-08-885-126-8/C
: Sequence 8, Application US/08885126A
: Patent No. 5955597
: GENERAL INFORMATION:
: APPLICANT: Arnold, Lyle J.
: APPLICANT: Riley, Timothy A.
: APPLICANT: Reynolds, Mark A.
: APPLICANT: Schwartz, David A.
: TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
: TITLE OF INVENTION: OLIGOMERS
: FILE REFERENCE: GENTA.020FW2
: CURRENT APPLICATION NUMBER: US/08/885.126A
: CURRENT FILING DATE: 1997-06-30
: EARLIER APPLICATION NUMBER: 08/343.018
: EARLIER FILING DATE: 1994-11-21
: EARLIER APPLICATION NUMBER: 08/154.013
: EARLIER FILING DATE: 1993-11-16
: NUMBER OF SEQ ID NOS: 22
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 8
: LENGTH: 16
: TYPE: DNA

```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-8

Query Match 0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
DB 15 TCTCTCTCTCTCT 1

RESULT 372
US-08-941-445A-28/c
Sequence 28, Application US/08941445A
Patent No. 6107060
GENERAL INFORMATION:
APPLICANT: Keeling, Peter
APPLICANT: Guan, Hanning
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
CITY: Boulder
STATE: CO
COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445A
FILING DATE: 30-SEP-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: not relevant
MOLECULE TYPE: cDNA to mRNA
US-08-941-445A-28

Query Match 0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
DB 15 TCTCTCTCTCTCT 1

RESULT 373
US-09-411-862A-21
Sequence 21, Application US/09411862A
Patent No. 6348583
GENERAL INFORMATION:
APPLICANT: David Segev

TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC ACIDS

NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sol Sheinbein c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimate-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11
SOFTWARE: word for Windows version 2.0 converted to an ASCII file

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/411,862A
FILING DATE: 04-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/384,995
FILING DATE: 20 AUG 1999
ATTORNEY/AGENT INFORMATION:
NAME: Sol Sheinbein
REGISTRATION NUMBER: 25,457
REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)

TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
TELEFAX: 972-3-6127575
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-411-862A-21
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
Query Match 0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
DB 2 TCTCTCTCTCTCT 16

RESULT 374
US-09-411-862A-22/c
Sequence 22, Application US/09411862A
Patent No. 6348583
GENERAL INFORMATION:
APPLICANT: David Segev

TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC ACIDS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sol Sheinbein c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimate-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11

```
SOFTWARE: Word for Windows version 2.0 converted to
an ASCII file
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/411,862A
FILING DATE: 04-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/384,995
FILING DATE: 20 AUG 1999
ATTORNEY/AGENT INFORMATION:
NAME: Sol Sheinbein
REGISTRATION NUMBER: 25,457
REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
TELEFAX: 972-3-6127575
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-411-862A-22

Query Match      0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
DB      16 TCTCTCTCTCTCTCT 2

RESULT 375
US-09-479-005A-1/c
Sequence 1, Application US/09479005A
Patent No. 6656731
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBH800-884-C
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US/09/479,005A
PRIOR FILING DATE: 1999-11-19
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-479-005A-1

Query Match      0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3922 CGCGCGCGCGCGCGC 3936
DB      16 CGCGCGCGCGCGCGC 2

RESULT 376
US-08-885-126-4
Sequence 4, Application US/08885126A
Patent No. 5955597
GENERAL INFORMATION:
```

```
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLIGOMERS
FILE REFERENCE: GENYA.020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-4

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 46.7%; Pred. No. 5.1e+02;
Matches 7; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
DB      2 UCUCUCUCUCUCUCU 16

RESULT 377
US-08-885-126-17
Sequence 17, Application US/08885126A
Patent No. 5955597
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLIGOMERS
FILE REFERENCE: GENYA.020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-17

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 46.7%; Pred. No. 5.1e+02;
Matches 7; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
DB      2 UCUCUCUCUCUCUCU 16

RESULT 378
US-09-866-108A-6403
Sequence 6403, Application US/09866108A
Patent No. 6686188
```



```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6403

Query Match          0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5,1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCAGA 3072
Db      3 AGATCAAGCTGCAGA 17

RESULT 379
US-09-866-108A-6404
; Sequence 6404, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; US-09-866-108A-6404

; ORGANISM: Homo sapiens

Query Match          0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5,1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCAGA 3072
Db      2 AGATCAAGCTGCAGA 16

RESULT 380
US-09-866-108A-6405
; Sequence 6405, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
```

/ SEQ ID NO 6405
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6405

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072
DB 1 AGATCAAGCTGCAGA 15

RESULT 381
PCT-US93-07603-5/c
Sequence 5, Application PC/RUS9307603
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07603
FILING DATE: 19930813
CLASSIFICATION:
Prior Application Data:
Application Number: US 07/930,087
Filing Date: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: M0636/7007WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
TELEFAX: 617-720-2441
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Nucleotides 1-16 are ribonucleotides
DESCRIPTION: and nucleotide 17 is a deoxyribonucleotide.
HYPOHETICAL: NO
ANTI-SENSE: NO
PCT-US93-07603-5

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCT 295
DB 15 TCTCTCTCTCTCTCT 1

RESULT 382
US-08-657-884-19
Sequence 19, Application US/08657884

/ Patent No. 5858981
/ GENERAL INFORMATION:
/ APPLICANT: SCHREIBER, ALAN D.
/ APPLICANT: PARK, JONG-GU
/ TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: NIXON & VANDERHUYE P.C.
/ STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
/ CITY: ARLINGTON
/ STATE: VIRGINIA
/ COUNTRY: U.S.A.
/ ZIP: 22201-4714
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/657,884
/ FILING DATE: 07-JUN-1996
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: WILSON, MARY J.
/ REGISTRATION NUMBER: 32,955
/ REFERENCE/DOCKET NUMBER: 555-46
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 816-4000
/ TELEFAX: (703) 816-4100
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-657-884-19

Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 533 TGGCAACATCACCG 547
DB 3 TGGCAACATCACCG 17

RESULT 383
US-09-050-559C-25/c
Sequence 25, Application US/09050559C
Patent No. 6096502
GENERAL INFORMATION:
APPLICANT: Sam S-K Lee
TITLE OF INVENTION: NOVEL SUBSTRATE FOR DETECTING UL9
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: David J. Wetz, Wilson Sonsini Goodrich
ADDRESSEE: & Rosati
STREET: 650 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1050
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows 95/DOS 5.0
SOFTWARE: Wordperfect for windows 6.0,
SOFTWARE: ASCII (DOS) TEXT format
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050,559C
FILING DATE:

CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: DAVID J. WEITZ
REGISTRATION NUMBER: 38,362
REFERENCE/DOCKET NUMBER: 16842-746
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 493-9300
TELEFAX: (650) 493-6811
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-09-050-559C-25

Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 CTCCTCTCTTCTC 284
Db 15 CTCCTCTCTTCTC 1

RESULT 384
US-09-158-980-19
Sequence 19, Application US/09158980
Patent No. 6242427
GENERAL INFORMATION:
APPLICANT: SCHREIBER, ALAN D.
APPLICANT: PARK, JONG-GU
TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,980
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/657,884
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 555-46
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-158-980-19

Query Match 0.3%; Score 15; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 533 TGGCAACATCACC CG 547
Db 3 TGGCAACATCACC CG 17

RESULT 385
US-09-811-492-19
Sequence 19, Application US/09811492
Patent No. 6638764
GENERAL INFORMATION:
APPLICANT: SCHREIBER, ALAN D.
APPLICANT: PARK, JONG-GU
TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/811,492
FILING DATE: 19-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/657,884
FILING DATE: 07-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 555-46
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-811-492-19

Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 533 TGGCAACATCACC CG 547
Db 3 TGGCAACATCACC CG 17

RESULT 386
US-08-849-021-67
Sequence 67, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
APPLICANT: MORGAN, MICHELLE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS

```

; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-67

Query Match          0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
DB      2 TCTCTCTCTCTCTCT 16

RESULT 387
US-09-422-936-19/c
; Sequence 19, Application US/09422936
; Patent No. 6465213
; GENERAL INFORMATION:
; APPLICANT: Ekstrand, Jonas
; TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES
; FILE REFERENCE: 06275-165002
; CURRENT APPLICATION NUMBER: US/09/422,936
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: US 09/242,608
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: PCT/SE98/01947
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: SWEDEN 9703914-2
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: SWEDEN 9800864-2
; PRIOR FILING DATE: 1998-03-16
; PRIOR APPLICATION NUMBER: SWEDEN 9802575-2
; PRIOR FILING DATE: 1998-07-17
; SOFTWARE: FaetsEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; US-09-422-936-19
```

```

Query Match          0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1233 CTCTCCCGCGGCTC 1247
DB      19 CTCTCCCGCGGCTC 5

RESULT 388
US-09-422-978-6558/c
; Sequence 6558, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6558
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-12338 for SEQ 2624,
; US-09-422-978-6558

Query Match          0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1034 GCTTCAGAGAGCA 1048
DB      17 GCTTCAGAGAGCA 3

RESULT 389
US-09-290-640-53/c
; Sequence 53, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcsson, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signalling
; FILE REFERENCE: ISPH-0351
; CURRENT APPLICATION NUMBER: US/09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: Patencin Ver. 2.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-290-640-53

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1326 TCATCATGAGAGC 1340
Db 16 TCATCATGAGAGC 2

RESULT 390
US-09-844-634-106/c
Sequence 106, Application US/09844634
Patent No. 6410324
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-106

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4473 GTGCTGTGCTAGTG 4487
Db 20 GTGCTGTGCTAGTG 6

RESULT 391
US-09-665-615B-53/c
Sequence 53, Application US/09665615B
Patent No. 665133
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcussen, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0502
CURRENT APPLICATION NUMBER: US/09/665,615B
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 179
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-53

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 TCATCATGAGAGC 1340
Db 16 TCATCATGAGAGC 2

RESULT 392
US-09-980-052-113/c
Sequence 113, Application US/09980052
Patent No. 6670130
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.

APPLICANT: KIM, Cheol Min
APPLICANT: PARK, Hee Kyung
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: Kopatentin 1.71
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium szulgai
US-09-980-052-113

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1986 CTGGCCAGCCTGAG 2000
Db 19 CTGGCCAGCCTGAG 5

RESULT 393
US-09-657-472-1087
Sequence 1087, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Daley, Georgey
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1087
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1087

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 748 TGGACGAGCTCATGAG 764
Db 4 TGGACGAGCTCATGAG 20

RESULT 394
US-08-849-021-63/c
Sequence 63, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-63
Query Match 0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 281 TCTCTCTCTCTCTCT 295
DB 22 TCTCTCTCTCTCTCT 8
RESULT 395
US-08-849-021-66
Sequence 66, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND

ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-66
Query Match 0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 281 TCTCTCTCTCTCTCT 295
DB 1 TCTCTCTCTCTCTCT 15
RESULT 396
US-08-353-657-4
Sequence 4, Application US/08353657
Patent No. 5565350
GENERAL INFORMATION:
APPLICANT: Kniec, Eric
TITLE OF INVENTION: Compounds and Methods for Site Directed
TITLE OF INVENTION: Mutations in Eukaryotic Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/353,657
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Fiebel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 7991-009
TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864/9741
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-353-657-4

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3911 GCCCACCACCGACCGCGCGC 3933
Db 1 GCCCACCACCGACCGCGCGCACCAC 23

RESULT 397
US-08-709-982-4
; Sequence 4, Application US/08709982
; Patent No. 5756325
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric
; TITLE OF INVENTION: Compounds and Methods for Site Directed
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,982
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/353,657
; FILING DATE: 09-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebe, Thomas E.
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-709-982-4

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3911 GCCCACCACCGACCGCGCGC 3933
Db 1 GCCCACCACCGACCGCGCGCACCAC 23

RESULT 398
US-08-982-866-4

; Sequence 4, Application US/08982866
; Patent No. 5871984
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric
; TITLE OF INVENTION: Compounds and Methods for Site Directed
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/982,866
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/709,982
; FILING DATE: 09-SEP-1996
; APPLICATION NUMBER: US 08/353,657
; FILING DATE: 09-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebe, Thomas E.
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-982-866-4

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3911 GCCCACCACCGACCGCGCGC 3933
Db 1 GCCCACCACCGACCGCGCGCACCAC 23

RESULT 399
US-08-448-561-9/c
; Sequence 9, Application US/08448561
; Patent No. 5908827
; GENERAL INFORMATION:
; APPLICANT: SIRNA, Antonio
; TITLE OF INVENTION: NEW PROTEIN FROM URINE NAMED COMPONENT B
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/448,561
FILING DATE: 22-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IT RM 92 A/919
FILING DATE: 22-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: SIRNA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-448-561-9

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 537 AACATCAGCGCTCCAGGCGGA 559
DB 23 ACCATTACCGCTGCAAGCCAGA 1

RESULT 400
US-09-048-880-10/c
Sequence 10, Application US/09048880
Patent No. 5952202
GENERAL INFORMATION:
APPLICANT: Aoyagi et al.
TITLE OF INVENTION: METHODS FOR EXOGENOUS, INTERNAL CONTROLS
TITLE OF INVENTION: DURING NUCLEIC ACID AMPLIFICATION
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSEE: The Perkin-Elmer Corporation
STREET: 850 Lincoln Centre Drive
CITY: Foster City,
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/048,880
FILING DATE: 26-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: To Be Assigned
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Scott R. Bortner
REGISTRATION NUMBER: 34,298
REFERENCE/DOCKET NUMBER: 4382
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 638-6245
TELEFAX: (650) 638-6071
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-048-880-10

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4689 AGCTGTCTGTCTCCAGCTTCACT 4711
DB 23 AGCCAGTCCCTTCCCGCTTCACT 1

RESULT 401
US-09-150-900-7/c
Sequence 7, Application US/09150900
Patent No. 6207425
GENERAL INFORMATION:
APPLICANT: Liu, Quiang
APPLICANT: Sommer, Steve S.
TITLE OF INVENTION: BIDIRECTIONAL PCR AMPLIFICATION OF SPECIFIC ALLELES
FILE REFERENCE: BI-PASA
CURRENT APPLICATION NUMBER: US/09/150,900
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: 60/058575
EARLIER FILING DATE: 1997-09-11
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-09-150-900-7

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 250 TGGACGGCCAGGCCCCCCCCCTC 272
DB 23 TGCCGTGTCAGGCCCCCCCCCCCC 1

RESULT 402
US-09-647-344A-3/c
Sequence 3, Application US/09647344A
Patent No. 6586180
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT.US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
US-09-647-344A-3

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAAGTTGGTGAAGCTTTC 2862
DB 23 GGTGAAGCTTGGTGAAGCTTTC 1


```
RESULT 403
US-09-747-391-189/c
; Sequence 189, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCye, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 189
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-189

Query Match      0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      3593 CCTTACCTCTGCTCCCGAAG 3615
DB      23 CACTTACCTCTGCTCCGAAAG 1

RESULT 404
US-10-001-052-48/c
; Sequence 48, Application US/10001052
; Patent No. 6709861
; GENERAL INFORMATION:
; APPLICANT: Mead, David A.
; APPLICANT: Godieka, Ronald
; TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS
; FILE REFERENCE: MICRO-06635
; CURRENT APPLICATION NUMBER: US/10/001,052
; CURRENT FILING DATE: 2001-11-15
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-001-052-48

Query Match      0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      2799 CAGGAGGAGAAATGAGAGG 2821
DB      23 CAGTAAGCAGAAATGACAAAG 1

RESULT 405
US-09-792-024-412/c
; Sequence 412, Application US/09792024
; Patent No. 6783985
; GENERAL INFORMATION:
; APPLICANT: Roemer, Terry
; APPLICANT: Jiang, Bo
; APPLICANT: Boone, Charles
; APPLICANT: Bussey, Howard
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug
; FILE REFERENCE: 10182-004-999
```

```
; CURRENT APPLICATION NUMBER: US/09/792,024
; CURRENT FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 490
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 412
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer
US-09-792-024-412

Query Match      0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1721 CACCATCTTCATCGGCACTGGA 1743
DB      23 CATCATCATCATCAGCAATGGA 1

RESULT 406
PCT-US94-14181-4
; Sequence 4, Application PC/TUS9414181
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric
; TITLE OF INVENTION: Compounds and Methods for Site Directed
; TITLE OF INVENTION: Mutations in Eukaryotic Cells
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/14181
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friebe, Thomas E.
; REGISTRATION NUMBER: 29,258
; REFERENCE/DOCKET NUMBER: 7991-009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
PCT-US94-14181-4

Query Match      0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 9e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      3911 GCCCACCACGACCGCGCGCGCG 3933
DB      1 GCCCACCACGACGCGCGCACAC 23

RESULT 407
US-09-232-785-364
; Sequence 364, Application US/09232785
; Patent No. 6733965
```


Db 1 CGAGCGCCCAAGCATTC 18

RESULT 411

US-09-143-212-27
Sequence 27, Application US/09143212B
Patent No. 607672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 27
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-27

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 GGAGGAAGACACAGC 838

Db 1 GGAGGAAGCGCCACAGC 18

RESULT 412

US-08-912-272-51/c
Sequence 51, Application US/08912272
Patent No. 6093874
GENERAL INFORMATION:
APPLICANT: Jofuku, K. Diane
TITLE OF INVENTION: Methods for Improving Seeds
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,272
FILING DATE: 15-AUG-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/700,152
FILING DATE: 20-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-067220US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..18
OTHER INFORMATION: /note= "JORAP2.2U primer"

US-08-912-272-51

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 CTCGCGCTCAGTTCC 339

Db 18 CTCGCGCGCCATTTC 1

RESULT 413

US-09-026-039-51/c
Sequence 51, Application US/09026039
Patent No. 6329567
GENERAL INFORMATION:
APPLICANT: Jofuku, K. Diane
TITLE OF INVENTION: Methods for Improving Seeds
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,039
FILING DATE: 19-FEB-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,272
FILING DATE: 15-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/700,152
FILING DATE: 20-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-067230US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..18
OTHER INFORMATION: /note= "JORAP2.2U primer"

US-09-026-039-51

Qy 5069 CTTCCTATCTCTGCT 5086
Db 18 CTTCCTATCTCTGCTACT 1

RESULT 417
US-09-422-978-10970/C
; Sequence 10970, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSRT.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10970
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer blind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-23427 for SEQ 3105, in complet
US-09-422-978-10970

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2801 GGAAGAGAAATGAGAGA 2818
Db 18 GGGAGAGAGAGATGAGAGA 1

RESULT 418
US-09-356-806-126/C
; Sequence 126, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-356-806-126

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1882 AGAAGAGTGGCTGAGAGA 1899
Db 18 AGAAGAGATGCTGAGATA 1

RESULT 419
US-09-356-806-142/C
; Sequence 142, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-356-806-142

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1882 AGAAGAGTGGCTGAGAGA 1899
Db 18 AGAAGAGATGCTGAGATA 1

RESULT 420
US-09-500-700-68/C
; Sequence 68, Application US/09500700
; Patent No. 6790941
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: BARBAS III, Carlos F.
; APPLICANT: COTTESFELD, Joel M.
; APPLICANT: WRIGHT, Peter B.
; TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
; FILE REFERENCE: SCRIPT160-4
; CURRENT APPLICATION NUMBER: US/09/500,700
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 08/863,813
; PRIOR FILING DATE: 1997-05-27
; PRIOR APPLICATION NUMBER: US 08/676,318
; PRIOR FILING DATE: 1996-12-30
; PRIOR APPLICATION NUMBER: PCT/US95/00829
; PRIOR FILING DATE: 1995-01-18
; PRIOR APPLICATION NUMBER: US 08/312,604
; PRIOR FILING DATE: 1994-09-28
; PRIOR APPLICATION NUMBER: US 08/183,119
; PRIOR FILING DATE: 1994-01-18
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: (GCC) 6 probe
US-09-500-700-68

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3919 CGACGCCGCCGCCGCCGCC 3936
Db 18 CGACGCCGCCGCCGCCGCC 3936

Db 18 CGCCGCCGCCGCCGCC 1

RESULT 421
US-09-338-907-538
Sequence 538, Application US/09338907
Patent No. 6265346
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 06/096,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 538
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
US-09-338-907-538

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4149 GGACCTCTGCTGGCTCC 4166
Db 2 GGACTTCTGCTGGCTTC 19

RESULT 422
US-09-218-207-538
Sequence 538, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 06/096,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 538
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
US-09-218-207-538

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4149 GGACCTCTGCTGGCTCC 4166
Db 2 GGACTTCTGCTGGCTTC 19

Best Local Similarity 88.9%; Pred. No. 7e+02; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4149 GGACCTCTGCTGGCTCC 4166
Db 2 GGACTTCTGCTGGCTTC 19

RESULT 423
US-09-422-978-7139/c
Sequence 7139, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Blalistic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7139
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-24768 for SEQ 3205,
US-09-422-978-7139

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 290 CTCTCTGCTGGCTTCT 307
Db 19 CTCTCTTCTGCTTCT 2

RESULT 424
US-09-422-978-7300/c
Sequence 7300, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Blalistic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7300
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-3524 for SEQ 3366,
US-09-422-978-7300

US-09-422-978-7300

Query Match 0.3%; Score 14.8; DB 1; Length 19;

Best Local Similarity 88.9%; Pred. No. 7e+02; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 2;

QY 5063 CCTTTCTCTCTACTCT 5080

Db 19 CCTTTCTCTCTCTCTT 2

RESULT 425

US-09-544-398B-253/C

Sequence 253, Application US/09544398B

Patent No. 6770461

GENERAL INFORMATION:

APPLICANT: Carulli, John P.

APPLICANT: Little, Randall D.

APPLICANT: Recker, Robert R.

APPLICANT: Johnson, Mark L.

TITLE OF INVENTION: High bone mass gene of 11q13.3

FILE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/09/544,398B

PRIOR FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US 09/229,319

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: US 60/071,449

PRIOR FILING DATE: 1998-01-13

PRIOR APPLICATION NUMBER: US 60/105,511

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 641

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 253

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-09-544-398B-253

US-09-544-398B-253

US-09-544-398B-253

US-09-544-398B-253

US-09-544-398B-253

US-09-544-398B-253

US-09-544-398B-253

US-09-544-398B-253

QY 3053 GGGGAGATCAAGCTGCA 3070

Db 1 GGGGAGATCAAGCTGCA 18

RESULT 427

US-09-696-791-3839/C

Sequence 3839, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tiltz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

TITLE OF INVENTION: SKIN AND EYE DISEASES

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3837

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cdc25 hs ribozyme binding site

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

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US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

QY 1592 GGAACAGACAGAGAGA 1609

Db 19 GGAACAGACAGAGAGA 2

RESULT 428

US-09-696-791-3839/C

Sequence 3839, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tiltz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

TITLE OF INVENTION: SKIN AND EYE DISEASES

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3839

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cdc25 hs ribozyme binding site

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

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US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

US-09-696-791-3839

QY 1589 GGTGAACAGACAGAGA 1606

Db 19 GGTGAACAGACAGAGA 2

RESULT 429

US-08-167-113-16/C

Sequence 16, Application US/08167113

Patent No. 5776672

GENERAL INFORMATION:

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

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APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: HASHIMOTO, Koji

APPLICANT: ITO, Keiko
APPLICANT: ISHIMORI, Yoshio
APPLICANT: GOTOH, Masanori
TITLE OF INVENTION: GENE DETECTION METHOD
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,113
FILING DATE: 16-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/766,064
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2-259011
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-90879
FILING DATE: 22-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-191868
FILING DATE: 31-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 39-3751-0 FWC CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
TELEX: 246855 OPAT UR
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-167-113-16

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 536 CAACATCACCCTCCAA 553
DB 19 CAACACCACCTGCTCCA 2

RESULT 430
US-08-532-050-6/c
Sequence 6, Application US/08532050
Patent No. 5811636
GENERAL INFORMATION:
APPLICANT: HANNA, WAYNE
APPLICANT: Oziab-Akine, Peggy
APPLICANT: Dujardin, Michel
TITLE OF INVENTION: APOMIXIS FOR PRODUCING TRUE-BREEDING
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: USDA-ARS-OTT
STREET: ROOM 409, BLDG. 005, BARC-W

CITY: BELTSVILLE
STATE: MARYLAND
COUNTRY: USA
ZIP: 20705
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/532,050
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: POULOS, GAIL E.
REGISTRATION NUMBER: 36,327
REFERENCE/DOCKET NUMBER: 0173.93
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-504-6558
TELEFAX: 301-504-5060
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-532-050-6

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4700 TCCAGCTTCAGTCACACA 4717
DB 19 TCCAGATTCAGACACACA 2

RESULT 431
US-08-886-161-16/c
Sequence 16, Application US/08886161
Patent No. 5972692
GENERAL INFORMATION:
APPLICANT: HASHIMOTO, Koji
APPLICANT: ITO, Keiko
APPLICANT: ISHIMORI, Yoshio
APPLICANT: GOTOH, Masanori
TITLE OF INVENTION: GENE DETECTION METHOD
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
STREET: 1755 S. JEFFERSON DAVIS HWY, SUITE 400
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/886,161
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,113
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2-259011
FILING DATE: 28-SEP-1990


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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 3-90879
; FILING DATE: 22-APR-1991
; PRIOR APPLICATION DATA: JP 3-191868
; APPLICATION NUMBER: JP 3-191868
; FILING DATE: 31-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F
; REGISTRATION NUMBER: 24,618
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
;
US-08-886-161-16
;
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 536 CAACATACCCGCTCCAA 553
DB 19 CAACACCACTCTCTCCAA 2

RESULT 432
US-09-120-853-9/C
; Sequence 9, Application US/09120853
; Patent No. 6057437
; GENERAL INFORMATION:
; APPLICANT: Kamiya, Kinya
; APPLICANT: Matsuda, Yoko
; APPLICANT: Uchida, Kiyoshi
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
; FILE REFERENCE: 07898/030001
; CURRENT APPLICATION NUMBER: US/09/120,853
; CURRENT FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: JP 213838/1997
; EARLIER FILING DATE: 1997-07-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificial
; OTHER INFORMATION: nucleic acid sequence
US-09-120-853-9
;
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTCTTCTC 284
DB 20 CCCGCTCTCTCTCTCTC 3

RESULT 433
US-09-089-195-18
; Sequence 18, Application US/09089195
; Patent No. 6087489
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION

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; TITLE OF INVENTION: OF HUMAN THYMIDYLATE SYNTHASE EXPRESSION
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/089,195
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: linear
;
US-09-089-195-18
;
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3788 GGGCGGGCGGGCGGGCGG 3805
DB 3 GGGCGGGCGGGCGGGCGG 20

RESULT 434
US-09-418-641-31/C
; Sequence 31, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: R1S-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-31
;
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1175 AGAAGTCATCCGGACCT 1192
DB 19 AGAAGTCATCCGGACCT 2

RESULT 435
US-09-444-053-44

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/ Sequence 44, Application US/09444053A
/ Patent No. 6165728
/ GENERAL INFORMATION:
/ APPLICANT: Donna T. Ward
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
/ FILE REFERENCE: RTS-0122
/ CURRENT APPLICATION NUMBER: US/09/444,053A
/ CURRENT FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-44

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3542 GACGAGCCCGAGATGTT 3559
DB      1 GACGAGCCCGGATGTT 18

RESULT 436
US-09-513-729B-15/C
/ Sequence 15, Application US/09513729B
/ Patent No. 6165791
/ GENERAL INFORMATION:
/ APPLICANT: Ian Popoff
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
/ FILE REFERENCE: RTS-0112
/ CURRENT APPLICATION NUMBER: US/09/513,729B
/ CURRENT FILING DATE: 2000-02-24
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 15
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-15

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3922 CGCGCGCGCGCGCGCTGC 3939
DB      20 CGTGGCGCGCGCGCTGC 3

RESULT 437
US-09-435-296-22/C
/ Sequence 22, Application US/09435296
/ Patent No. 6171860
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
/ FILE REFERENCE: RTS-0116
/ CURRENT APPLICATION NUMBER: US/09/435,296
/ CURRENT FILING DATE: 1999-11-05
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:

/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-22

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      684 AATGAAGATGATTAATTC 701
DB      19 AATGAAGAAATTAATTC 2

RESULT 438
US-09-490-692-101/C
/ Sequence 101, Application US/09490692
/ Patent No. 6180353
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
/ FILE REFERENCE: RTS-0120
/ CURRENT APPLICATION NUMBER: US/09/490,692
/ CURRENT FILING DATE: 2000-01-24
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 101
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-101

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3519 CTGCTCAGAGAGACCTG 3536
DB      19 CTGCTCAACAGACCTG 2

RESULT 439
US-09-488-671-40/C
/ Sequence 40, Application US/09488671A
/ Patent No. 6187545
/ GENERAL INFORMATION:
/ APPLICANT: Robert McKay
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
/ FILE REFERENCE: RTS-0123
/ CURRENT APPLICATION NUMBER: US/09/488,671A
/ CURRENT FILING DATE: 2000-01-21
/ NUMBER OF SEQ ID NOS: 177
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-40

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1851 GTGATCGACCCCAAGAG 1868
DB      19 GTTATCTCACCACAGAG 2

RESULT 440
```

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US-09-560-594-35
; Sequence 35, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCE: RTS-0144
; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-35

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1305 AGCCACTGACCAAGCCTG 1322
Db      1 AGCCAGCTGCCAAGCCTG 18

RESULT 441
US-09-194-478-7/c
; Sequence 7, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-7

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      536 CAACATACCCGCTCCAA 553
Db      19 CAACACCACCTGCTCCAA 2

RESULT 442
US-09-194-478-8
; Sequence 8, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
```

```
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-8

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      536 CAACATACCCGCTCCAA 553
Db      2 CAACACCACCTGCTCCAA 19

RESULT 443
US-09-488-744A-86/c
; Sequence 86, Application US/09488744A
; Patent No. 6287860
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: RTS-0108
; CURRENT APPLICATION NUMBER: US/09/488,744A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-744A-86

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4426 TTATATATATATGCGC 4443
Db      18 TTATATATATATATATCC 1

RESULT 444
US-09-484-617-69/c
; Sequence 69, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-69

Query Match      0.3%; Score 14.8; DB 1; Length 20;
```


Db 3 ACCTCTTCGATTCGGG 20

RESULT 449
US-09-198-452A-6050
; Sequence 6050, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6050
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6050

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2857 CTCCTCCAAAGCTGAAGC 2874
Db 1 CTCCTCCAAAGCGCAATC 18

RESULT 450
US-09-679-299A-35/c
; Sequence 35, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-35

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 38 GCAGAGAACCACTTCTC 55
Db 20 GCAGAGAACTACTGCTC 3

RESULT 451
US-09-710-794-16
; Sequence 16, Application US/09710794
; Patent No. 6573069
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Gao, Zeren
; APPLICANT: Whitmore, Theodore E.
; TITLE OF INVENTION: NOVEL CRIB PROTEIN ZMSE1
; FILE REFERENCE: 99-76
; CURRENT APPLICATION NUMBER: US/09/710,794

; CURRENT FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: US 60/164,685
; PRIOR FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19270
US-09-710-794-16

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 563 GCTGCTTCCAGACAGC 580
Db 3 GCTGATCCAGACAGC 20

RESULT 452
US-09-909-595-63/c
; Sequence 63, Application US/09909595
; Patent No. 6586245
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-63

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 CTTCTCTCTCTCTCTCT 295
Db 20 CTTCTCTCTCTCTCTCT 3

RESULT 453
US-10-027-983-28/c
; Sequence 28, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-28

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3729 CCGGCAAGCAGGTGCC 3746
DB 20 CACGGCCAGAGGTGCC 3

RESULT 454
US-09-920-868A-14/C
; Sequence 14, Application US/09920868A
; Patent No. 664203
; GENERAL INFORMATION:
; APPLICANT: Perfetti, Riccardo
; TITLE OF INVENTION: HUMAN GLUCOSE-DEPENDENT INSULIN-SECRETING CELL LINE
; FILE REFERENCE: 81476-0255389
; CURRENT APPLICATION NUMBER: US/09/920,868A
; FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-920-868A-14

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 TTCGAGCAGTGCAGC 1019
DB 19 TTCACCACTGCAGC 2

RESULT 455
US-08-983-605-91/C
; Sequence 91, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticaceae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-91

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTTT 281
DB 20 CCCCCCTCTCTCTGT 3

RESULT 456
US-08-303-009-8
; Sequence 8, Application US/08303009
; Patent No. 5571697
; GENERAL INFORMATION:
; APPLICANT: Conneely, Orla M., et al.

; TITLE OF INVENTION: Expression of Processed Recombinant
; TITLE OF INVENTION: Lactoferrin And Lactoferrin Polypeptide Fragments From A Fusio
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/303,009
; FILING DATE: Concurrently herewith.
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Albert P. Haliluin
; REGISTRATION NUMBER: 25,227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/854-3660
; TELEFAX: 415/854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-303-009-8

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 29 AGCAGCGCCGAGAGAA 46
DB 1 AGCGCGCCGAGAGAA 18

RESULT 457
US-08-242-098-9/C
; Sequence 9, Application US/08242098
; Patent No. 5691185
; GENERAL INFORMATION:
; APPLICANT: DICKELLY, Francoise
; APPLICANT: JOHANSEN, Eric
; APPLICANT: NILSSON, Dan
; APPLICANT: HANSEN, Egon
; APPLICANT: STROMAN, Per
; TITLE OF INVENTION: Lactic Acid Bacterial Suppressor Mutants
; TITLE OF INVENTION: and Their Use as Selective Markers and as Means of
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/242,098
FILING DATE: 13-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,390
FILING DATE: 08-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30307/141/PLVI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-242-098-9

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1333 TTGAAGACAGGTCAAG 1350
Db 18 TTGTAGACAGGTAAAG 1

RESULT 458
US-08-255-892-51
Sequence 51, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:
APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MABILLAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
TITLE OF INVENTION: TECHNIQUE
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAYER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH

INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-51

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5084 GCTTGACGCTTCCTCC 5101
Db 4 GCTTGAGTCTCTCC 21

RESULT 459
US-08-588-821-46/C
Sequence 46, Application US/08588821
Patent No. 5712097
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Kern, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,821
FILING DATE: 19-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-588-821-46

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2154 AAACGAGCGGAACCA 2171
Db 19 AAACCTGGAGAAACCA 2

RESULT 460
US-08-915-214-46/C
Sequence 46, Application US/08915214
Patent No. 581457
GENERAL INFORMATION:

APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPCA
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,214
FILING DATE: 20-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-915-214-46

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2154 AAAGTCAGGCGAAACCA 2171
Db 19 AAAGTCGAGAAACCA 2

RESULT 461
US-08-680-326-143/C
Sequence 143, Application US/08680326
Patent No. 5925733
GENERAL INFORMATION:
APPLICANT: ROSE, TIMOTHY M.
APPLICANT: BOSCH, MARINX
APPLICANT: STRAND, KURT
APPLICANT: TODARO, GEORGE J.
TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
TITLE OF INVENTION: FIBROMATOSIS
NUMBER OF SEQUENCES: 152
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/680,326
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Schieff, J. Michael
REGISTRATION NUMBER: 40,253
REFERENCE/DOCKET NUMBER: 29938-20001.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-680-326-143

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4162 GCTCTCTCTGCCAGCTT 4179
Db 18 GCTCTCTCTGCTAGCTT 1

RESULT 462
US-09-005-532-46/C
Sequence 46, Application US/09005532
Patent No. 5955292
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPCA
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-005-532-46

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2154 AACTGAGCGAAGCA 2171
19 AACTCTGAGAAACCA 2

RESULT 463

US-08-691-123-8
Sequence 8, Application US/08691123
Patent No. 5955316

GENERAL INFORMATION:

APPLICANT: Conneely, Orla M., et al.
TITLE OF INVENTION: Expression of Processed Recombinant
TITLE OF INVENTION: Lactoferrin And Lactoferrin Polypeptide Fragments From
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/691,123
FILING DATE: August 1, 1996
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8206-035
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/854-3660
TELEFAX: 415/854-3694
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-08-691-123-8

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 29 AGCAGCGCGCAGAGAA 46
1 AGCGCGCGCGCAGAGAA 18

RESULT 464

US-09-107-075-8
Sequence 8, Application US/09107075
Patent No. 6080559

GENERAL INFORMATION:

APPLICANT: Conneely, Orla M., et al.
TITLE OF INVENTION: Expression of Processed Recombinant
TITLE OF INVENTION: Lactoferrin And Lactoferrin Polypeptide Fragments From
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,075
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/691,123
FILING DATE: August 1, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8206-035
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/854-3660
TELEFAX: 415/854-3694
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-09-107-075-8

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 29 AGCAGCGCGCAGAGAA 46
1 AGCGCGCGCGCAGAGAA 18

RESULT 465

US-08-866-544-1
Sequence 1, Application US/08866544
Patent No. 6111081

GENERAL INFORMATION:

APPLICANT: CONNEELY, ORLA
APPLICANT: HEADON, DENIS
APPLICANT: LOWER, DANGAN
APPLICANT: O'MALLEY, BERT
APPLICANT: MAY, GREGORY
APPLICANT: WARD, PAULINE
TITLE OF INVENTION: LACTOFERRIN VARIANTS AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:

ADDRESSEE: Howrey & Simon
STREET: 1299 Pennsylvania Avenue N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/866,544

```
/ FILING DATE: 30-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Albert P. Halluin
/ REGISTRATION NUMBER: 25,277
/ REFERENCE/DOCKET NUMBER: 00138.0043.999
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-463-8100
/ TELEFAX: 650-463-8400
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-866-544-1
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      29 AGCAGCGCGCGCAGAGAGA 46
Db      1 AGCGCGCGCGCAGAGAGA 18
```

```
RESULT 466
US-09-422-978-8118
/ Sequence 8118, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 8118
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-13860 for SEQ 253, in compleme
```

```
US-09-422-978-8118
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2696 ACAGATTGAGTTCTCAG 2713
Db      4 ACAGATTGAGTTCTCAG 21
```

```
RESULT 467
US-09-422-978-8648
/ Sequence 8648, Application US/09422978
/ Patent No. 6537751
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 8648
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-17262 for SEQ 783, in compleme
```

```
US-09-422-978-8648
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1140 AAACGTGACGACACTGCTC 1157
Db      4 AAACGTGACGACACTGCTC 21
```

```
RESULT 468
US-09-422-978-9365
/ Sequence 9365, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 9365
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-2570 for SEQ 1500, in compleme
```

```
US-09-422-978-9365
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1588 TGGTGAACACAGAGAGC 1605
Db      4 TGGTGAACACAGAGAGC 21
```

```
RESULT 469
```

```
US-09-422-978-11206
; Sequence 11206, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CC1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11206
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3393 for SEQ 3341, in compleme
US-09-422-978-11206

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1588 TGGTGGAAACAGCAGAG 1605
DB 4 TGGAGAGACGAGAGAG 21

RESULT 470
US-09-760-139-14/c
; Sequence 14, Application US/09760139
; Patent No. 6548274
; GENERAL INFORMATION:
; APPLICANT: Yaver, Debbie S.
; APPLICANT: Bellini, Daniel A.
; TITLE OF INVENTION: Methods for Producing A Polypeptide
; FILE OF INVENTION: Using A Clipped Translational Initiator Sequence
; FILE REFERENCE: 5966.200-US
; CURRENT APPLICATION NUMBER: US/09/760,139
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/482,751
; PRIOR FILING DATE: 2000-01-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Aspergillus oryzae
US-09-760-139-14

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3277 CACCAATGCCCTGCAGC 3294
DB 21 CACCAATGCCCTGCAGC 4

RESULT 471
US-09-747-391-138
; Sequence 138, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
```

```
APPLICANT: Chow, Robert
APPLICANT: Tonal, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 138
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-747-391-138

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CTCATGAGGTTCTTTCAC 742
DB 4 CTCATGAGGTTCTTTCAC 21

RESULT 472
US-09-657-472-882/c
; Sequence 882, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 882
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-882

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 8.4e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1012 TCGAAGCATGACACACCT 1031
DB 20 TCGAAGCATGACACACCT 1

RESULT 473
US-09-657-472-1479/c
; Sequence 1479, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
```

APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO: 1479
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1479

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4893 CCCTCCTCGAGTGCGCA 4910
Db 18 CCCTCCTCGAGTGCGCA 1

RESULT 474
US-09-657-472-2066/c
Sequence 2066, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO: 2066
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-2066

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 8.4e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1724 CATCTCATCGGACCTGGA 1743
Db 20 CATCTCATCGGACCTGGA 1

RESULT 475
US-08-202-389-48/c
Sequence 48, Application US/08202389
Patent No. 553636
GENERAL INFORMATION:
APPLICANT: Freeman Jr., Robert M.

APPLICANT: Plutzky, Jorge
APPLICANT: Neel, Benjamin G.
APPLICANT: Rosenberg, Robert D.
TITLE OF INVENTION: IDENTIFICATION OF NOVEL TYROSINE
TITLE OF INVENTION: PHOSPHATASES HAVING SH2 DOMAINS
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Miltia Drive
CITY: Lexington
STATE: MA USA
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,389
FILING DATE: 28-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/983,926
FILING DATE: 01-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/829,141
FILING DATE: 31-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/721,112
FILING DATE: 26-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BI92-05MA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-202-389-48

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3239 CATCAACCCCACTACAT 3256
Db 19 CATCAATGCCACTACAT 2

RESULT 476
US-08-223-902-10
Sequence 10, Application US/08223902
Patent No. 5744347
GENERAL INFORMATION:
APPLICANT: Wagner, Thomas E.
APPLICANT: Antczak, Michael R.
TITLE OF INVENTION: YOLK SAC STEM CELLS AND THEIR USES
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223.902
FILING DATE: 06-APR-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 7225-064-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-223-902-10

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9,1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3156 AGCCTCAGCAGCCAGCAGC 3173
DB      4 AGCCACAGCAGCCAGCAGC 21

RESULT 477
US-08-742-755A-40/c
Sequence 40, Application US/08742755A
Patent No. 5858671
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
NUMBER OF INVENTION: Sequencing Method
CORRESPONDENCE ADDRESSES: 41
ADDRESS: LAHIVE & COCKFIELD, LLP
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742.755A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
```

```
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-742-755A-40

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9,1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 CAGAGAGATCTTAAG 1056
DB      22 CAGAGATCATCTTACGG 5

RESULT 478
US-08-564-496C-33/c
Sequence 33, Application US/08564496C
Patent No. 6022687
GENERAL INFORMATION:
APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
NUMBER OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
CORRESPONDENCE ADDRESSES: 42
ADDRESS: Fish & Richardson P.C.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/564.496C
FILING DATE: 29-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,129
FILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Ph.D., Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 06765/006001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-564-496C-33

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9,1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2794 AGAGTCAGAGAGAGAAA 2811
DB      22 AGAGTCAGAGAGAGAGACA 5

RESULT 479
US-09-339-964-2
Sequence 2, Application US/09339964
Patent No. 6025198
GENERAL INFORMATION:
```

APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 2
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-339-964-2

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 638 CTGCGTGTGTATCGGA 655
Db 1 CTGCGTGTGTATCAGAA 18

RESULT 480
US-09-226-683-40/c
Sequence 40, Application US/09226683
Patent No. 6190889
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/226,683
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/742,755
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-226-683-40

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1039 CAGAGAGCATCTTAAGG 1056
Db 1039 CAGAGAGCATCTTAAGG 1056

Db 22 CAGAGATCATCTTAAGG 5
|||||
RESULT 481
US-09-035-183-40/c
Sequence 40, Application US/09035183
Patent No. 6258533
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035,183
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/742,755
FILING DATE: 01-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-035-183-40

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1039 CAGAGAGCATCTTAAGG 1056
Db 22 CAGAGATCATCTTAAGG 5
|||||
RESULT 482
US-09-177-650-83/c
Sequence 83, Application US/09177650
Patent No. 6413719
GENERAL INFORMATION:
APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
APPLICANT: Charlier, Carole
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
TITLE OF INVENTION: AND OTHER EPILEPSIES
FILE REFERENCE: 2323-134
CURRENT APPLICATION NUMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: 60/063,147
EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129

```
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 83
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-177-650-83

Query Match          0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4083 CCTCAGTACCTGCCACT 4100
Db      21 CCGAGTGCAGCTGCCACT 4

RESULT 483
US-09-531-000-71
; Sequence 71, Application US/09531000
; Patent No. 6461810
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, Marion D.
; APPLICANT: FRESCO, Jacques R.
; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
; FILE REFERENCE: 2448-103
; CURRENT APPLICATION NUMBER: US/09/531.000
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/23765
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/064,997
; PRIOR FILING DATE: 1997-11-10
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 71
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-71

Query Match          0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3082 GCAAGACGAGGAGAGAC 3099
Db      4 GAAAGACGAGAGAGAGAC 21

RESULT 484
US-09-506-859-33/c
; Sequence 33, Application US/09506859
; Patent No. 6562957
; GENERAL INFORMATION:
; APPLICANT: Letarte, Michelle
; APPLICANT: Marchuk, Douglas A.
; APPLICANT: McAllister, Kimberly
; TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
; TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

```
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/506,859
; FILING DATE: 28-SEP-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,129
; FILING DATE: 29-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 06765/003002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-506-859-33

Query Match          0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2794 AGAGTCAGAGAGAGAAA 2811
Db      22 AGAGTCAGAGAGAGACA 5

RESULT 485
US-09-322-352A-1
; Sequence 1, Application US/09322352A
; Patent No. 6586192
; GENERAL INFORMATION:
; APPLICANT: PESCHLE, Cesare
; APPLICANT: ZIEGLER, Benedikt L
; TITLE OF INVENTION: Compositions and Methods for Use in Affecting Hematopoietic Stem
; FILE REFERENCE: 9855-2611
; CURRENT APPLICATION NUMBER: US/09/322,352A
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: US 60/087,153
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: KDR Primer
US-09-322-352A-1

Query Match          0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5136 CCTTATGTCCTTTTCA 5153
Db      5 CCTTTGTCCTTTTGA 22

RESULT 486
US-09-788-038-40/c
; Sequence 40, Application US/09788038
; Patent No. 6599703
; GENERAL INFORMATION:
; APPLICANT: Jones, Douglas H.
; TITLE OF INVENTION: An Iterative and Regenerative DNA
```

Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/788,038
FILING DATE: 16-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/226,683
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-788-038-40
Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1039 CAGAGAGCATCTTAAGC 1056
DB 22 CAGAGATCATCTTACG 5
RESULT 487
PCT-US95-15428-33/c
Sequence 33, Application PC/TUS9515428
GENERAL INFORMATION:
APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street Suite 3100
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15428
FILING DATE: 29-NOV-1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,129
FILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 06765/006001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-15428-33

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2794 AGAGTCAGGAGGAGAA 2811
DB 22 AGAGTCAGGAGGAGACA 5

RESULT 488
US-08-979-672-1
Sequence 1, Application US/08979672
Patent No. 6197503
GENERAL INFORMATION:
APPLICANT: Vo-Dinh, Tuan
APPLICANT: Wintenberg, Alan
APPLICANT: Ericson, Milton N.
TITLE OF INVENTION: INTEGRATED CIRCUIT BIOCHIP MICROSYSTEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/979,672
FILING DATE: Concurrently Herewith
CLASSIFICATION: 250
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: ORNL:002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 10
OTHER INFORMATION: /note= "r = A or G"
US-08-979-672-1

Query Match 0.3%; Score 14.6; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 8.4e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4163 CTCCTCTGCCCCAGC 4177

Db 2 CTCCTCTGCCCCAGC 16

RESULT 489

US-07-988-194A-24
Sequence 24, Application US/07988194A
Patent No. 5353046

GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.

APPLICANT: Weiss, Arthur

APPLICANT: Irving, Brian A.

APPLICANT: Roberts, Margo R.

APPLICANT: Zeebo, Kristina

TITLE OF INVENTION: Chimeric Chains for Receptor

TITLE OF INVENTION: Associated Signal Transduction Pathways

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flehr, Hohbach, Teet, Albritton &

STREET: 4 Embarcadero Center, Suite 3400

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/988,194A

FILING DATE: December 9, 1992

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Rowland, Bertram I.

REGISTRATION NUMBER: 20015

REFERENCE/DOCKET NUMBER: A-55107-1 CELL-0051

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-781-1989

TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-07-988-194A-24

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 264 CCCCCCTCTCTCTTCTC 284

Db 1 CCACCCCTCACTCTCTTCTC 21

RESULT 490

US-08-050-073-315/c
Sequence 315, Application US/08050073
Patent No. 5567809

GENERAL INFORMATION:

APPLICANT: Apple, Raymond J.

APPLICANT: Begovich, Ann B.

APPLICANT: Bugawan, Teodorica L.

APPLICANT: Erlich, Henry A.

APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA
TITLE OF INVENTION: Typing
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/050,073

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 8769

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 315:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

US-08-050-073-315

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1704 CCGAGCCGACATGATCACC 1724

Db 21 CCGCCCGACATGCTCACC 1

RESULT 491

US-08-136-118-2
Sequence 2, Application US/08136118
Patent No. 5589699

GENERAL INFORMATION:

APPLICANT: HOKE, Glenn D

APPLICANT: BRADLEY, Matthews O

APPLICANT: WILLIAMS, Taffy J

APPLICANT: LEE, Che-Hung

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED

TITLE OF INVENTION: AGAINST HUMAN ICAM-1

NUMBER OF SEQUENCES: 15

CORRESPONDENCE ADDRESS:

ADDRESSEE: Naval Medical Res. & Dev. Cmd.

STREET: 8901 Wisconsin Ave.

CITY: Bethesda

STATE: Maryland

COUNTRY: USA

ZIP: 20889-5606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/136,118

FILING DATE:

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/918,259
FILING DATE: 24-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Spevack, A. David
REGISTRATION NUMBER: 24,743
REFERENCE/DOCKET NUMBER: N.C. 75,776
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 295-6759
TELEFAX: (202) 295-1022
INFORMATION FOR SEQ. ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-136-118-2

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 555 GCGGAGAGCTGCTTTCAGG 575
Db 1 GGGGCGGTGCTGCTTTCGGG 21

RESULT 492
US-08-178-660-7
Sequence 7, Application US/08178660
Patent No. 5627277
GENERAL INFORMATION:
APPLICANT: Cohen, Aharon S.
APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/178,660
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/330-1300
TELEFAX: 617/330-1311
INFORMATION FOR SEQ. ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
US-08-178-660-7

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 263 CCCCCCTCTCTCTCTCT 283
Db 1 CCGACCATCTCTCTCTCT 21

RESULT 493
US-08-258-152-26
Sequence 26, Application US/08258152
Patent No. 5686279
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
APPLICANT: ROBERTS, MARGO R.
APPLICANT: DULL, THOMAS J.
APPLICANT: ZSEBO, KRISTINA M.
APPLICANT: QIN, LU
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
TITLE OF INVENTION: OF MAMMALIAN CELLS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/258,152
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ. ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-258-152-26

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 264 CCCCCCTCTCTCTCTCT 284
Db 1 CCACCTCTCTCTCTCTCT 21

RESULT 494
US-08-451-777A-22
Sequence 22, Application US/08451777A
Patent No. 5789223
GENERAL INFORMATION:

APPLICANT: Bergsma, Derk J.
APPLICANT: Stambolian, Dwight
TITLE OF INVENTION: Human Galactokinase Gene
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESSEE: Intellectual Property
STREET: 709 Swedeland Road/UM2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,777A
FILING DATE: 26-MAY-1995
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Ailsa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-451-777A-22

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 391 AGCAGCGAGCGCCACCAAG 411
DB 1 AGCAGCGAGCGCCCTCCAGCAG 21

RESULT 495
US-08-451-778A-22
Sequence 22, Application US/08451778A
Patent No. 5830649
GENERAL INFORMATION:
APPLICANT: Bergsma, Derk J.
APPLICANT: Stambolian, Dwight
TITLE OF INVENTION: Human Galactokinase Gene
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
ADDRESSEE: Intellectual Property
STREET: 709 Swedeland Road/UM2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,778A

FILING DATE: 26-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Ailsa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-451-778A-22

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 391 AGCAGCGAGCGCCACCAAG 411
DB 1 AGCAGCGAGCGCCCTCCAGCAG 21

RESULT 496
US-08-076-299A-26
Sequence 26, Application US/08076299A
Patent No. 5834256
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
APPLICANT: ROBERTS, MARCO R.
APPLICANT: DULL, THOMAS J.
APPLICANT: ZSEBO, KRISTINA M.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/076,299A
FILING DATE: 11-JUN-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-076-299A-26

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTCTC 284
DB 1 CCACCCCTCCTCTCTC 21

RESULT 497
US-08-770-379-6

Sequence 6, Application US/08770379
Patent No. 5849564
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED
TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52342
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N

US-08-770-379-6

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 726 TCCATGAGGTTCTTACCAAG 746
DB 1 TGCATCAGCTTCTTACCCAG 21

RESULT 498
US-08-748-640-6

Sequence 6, Application US/08748640
Patent No. 5854398

GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: KAPOSI'S SARCOMA-ASSOCIATED HERPES VIRUS
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,640
FILING DATE:
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 51731-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N

US-08-748-640-6

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 726 TCCATGAGGTTCTTACCAAG 746
DB 1 TGCATCAGCTTCTTACCCAG 21

RESULT 499
US-08-438-582-26

Sequence 26, Application US/08438582
Patent No. 5858740
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
APPLICANT: ROBERTS, MARGO R.
APPLICANT: DULL, THOMAS J.
APPLICANT: ZSEBO, KRISZTINA M.
APPLICANT: QIN, LU
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKEVIEW DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA

US-08-438-582-26

COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,582
FILING DATE: 10-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-93
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.2
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-438-582-26

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTCTCTC 284
DB 1 CCACCCTCCTCTCTCTCTC 21

RESULT 500
US-08-998-208-22
Sequence 22, Application US/08998208
Patent No. 5880105
GENERAL INFORMATION:
APPLICANT: Bergsma, Derk J.
APPLICANT: Stambolian, Dwight
TITLE OF INVENTION: Human Galactokinase Gene
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
STREET: 709 Swedeland Road/UM2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,208
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/451,777
FILING DATE: 26-MAY-1995
APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994

ATTORNEY/AGENT INFORMATION:
NAME: Eagle, Ailsa M.
REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
TELEPHONE: 610-270-5364
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-998-208-22

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 391 AGCAGCCGAGGCCACCAAG 411
DB 1 AGCAGCGAGGCTCCAGCAG 21

RESULT 501
US-09-213-767-3/C
Sequence 3, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
CURRENT APPLICATION NUMBER: US/09/213,767
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-213-767-3

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 380 AAGCTGTGGCAGCAGCCG 400
DB 21 AAGCTGTGTGATCGACAGGAG 1

RESULT 502
US-08-747-536-18/C
Sequence 18, Application US/08747536
Patent No. 5968737
GENERAL INFORMATION:
APPLICANT: Ali-Osman, Francis
APPLICANT: Lopez-Berestein, Gabriel
APPLICANT: Buolamwini, John
APPLICANT: Antoun, Gamil
APPLICANT: Lo, Hui-Wen
APPLICANT: Keller, Charles
APPLICANT: Akande, Olanike
TITLE OF INVENTION: GLUTATHIONE S-TRANSFERASE (GST) GENES IN
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston

```
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/747,536
/ FILING DATE: Concurrently Herewith
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Highlander, Steven L.
/ REGISTRATION NUMBER: 37,642
/ REFERENCE/DOCKET NUMBER: UTXC:492
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 512/418-3000
/ TELEFAX: 512/474-7577
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-747-536-18

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2346 GACCTCTGTCTCCGACGACG 2366
DB      21 GAGCTCTGTCTCCGAAACCG 1

RESULT 503
US-08-863-639A-33
/ Sequence 33, Application US/08863639A
/ Patent No. 5981185
/ GENERAL INFORMATION:
/ APPLICANT: Matson, Robert S.
/ APPLICANT: Coassin, Peter J.
/ APPLICANT: Rampal, Jang B.
/ APPLICANT: Caskey, C. T.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sheldon & Mak
/ STREET: 225 South Lake Avenue, 9th Floor
/ CITY: Pasadena
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 91101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: Corel Wordperfect 8 version
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/863,639A
/ FILING DATE: May 28, 1997
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Joseph E. Mueh
/ REGISTRATION NUMBER: 20,532
/ REFERENCE/DOCKET NUMBER: 11859-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (626) 796-4000
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
```

```
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/
US-08-863-639A-33

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2800 AGAAGAGAAATGAGAG 2820
DB      1 AAGAAGAGAGAGAGAGAG 21

RESULT 504
US-08-863-639A-61/C
/ Sequence 61, Application US/08863639A
/ Patent No. 5981185
/ GENERAL INFORMATION:
/ APPLICANT: Matson, Robert S.
/ APPLICANT: Coassin, Peter J.
/ APPLICANT: Rampal, Jang B.
/ APPLICANT: Caskey, C. T.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sheldon & Mak
/ STREET: 225 South Lake Avenue, 9th Floor
/ CITY: Pasadena
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 91101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: Corel Wordperfect 8 version
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/863,639A
/ FILING DATE: May 28, 1997
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Joseph E. Mueh
/ REGISTRATION NUMBER: 20,532
/ REFERENCE/DOCKET NUMBER: 11859-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (626) 796-4000
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/
US-08-863-639A-61

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2800 AGAAGAGAAATGAGAG 2820
DB      21 AAGAAGAGAGAGAGAGAG 1

RESULT 505
US-08-863-639A-62
/ Sequence 62, Application US/08863639A
/ Patent No. 5981185
/ GENERAL INFORMATION:
/ APPLICANT: Matson, Robert S.
```

APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueeth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-62

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAGAGA 2822
Db 1 GAAGAGAGAGAGAGAGAGA 21

RESULT 506
US-08-863-639A-91/C
Sequence 91, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Mateon, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueeth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 91:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-91

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAGAGA 2822
Db 21 GAAGAGAGAGAGAGAGA 1

RESULT 507
US-08-691-563C-54
Sequence 54, Application US/08691563C
Patent No. 6001987
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Frederic BESEME
APPLICANT: Glaucia PARANHOS-BACCALA
APPLICANT: Florence KOMURIAN-PRADEL
APPLICANT: Colette JOLIVET
APPLICANT: Bernard MANDRAND
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLAC
TITLE OF INVENTION: THERAPEUTIC PURPOSES
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/691,563C
FILING DATE: 02-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-691-563C-54

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3581 CCGAGTCTCTCCCTCAAGCC 3601

Db 1 CCGAGTCTTGACACTAACC 21

RESULT 508

US-09-141-047-1

; Sequence 1, Application US/09141047A
; Patent No. 6043085
; GENERAL INFORMATION:
; APPLICANT: Walker, David H.
; APPLICANT: Yu, Xue-Jie
; TITLE OF INVENTION: Ehrlichia canis 120-kDa Immunodominant Antigenic
; FILE REFERENCE: D6143
; CURRENT APPLICATION NUMBER: US/09/141,047A
; CURRENT FILING DATE: 1998-08-27
; NUMBER OF SEQ ID NOS: 15
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: -341...-321
; OTHER INFORMATION: Forward primer pxcf2-2 used to amplify the E. canis
; OTHER INFORMATION: gene encoding the 120 kDa immunoreactive protein.
US-09-141-047-1

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 GAGTCATCTCCGGGATAC 632

Db 1 GAACATCTACCGGATAC 21

RESULT 509

US-09-069-811-5

; Sequence 5, Application US/09069811
; Patent No. 6068974
; GENERAL INFORMATION:
; APPLICANT: Klann, Richard C.
; TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
; TITLE OF INVENTION: DETECTION SCHEME FOR THE PSEUDORABIES VIRUS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: W. Murray Spruill (Alston & Bird, LLP)
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,811
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5626-16
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "Synthetic oligonucleotide"

US-09-069-811-5

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2233 TCAGTACCGCTTACAGCACC 2253

Db 1 TCAGTACCGCTTACAGCACC 21

RESULT 510

US-08-894-511-19/c

; Sequence 19, Application US/08894511
; Patent No. 6143530
; GENERAL INFORMATION:
; APPLICANT: CROUZET, Joel
; APPLICANT: SCHERMAN, Daniel
; APPLICANT: CAMERON, Beatrice
; APPLICANT: WILS, Pierre
; APPLICANT: DARQUET, Anne-Marie
; TITLE OF INVENTION: DNA MOLECULES, PREPARATION THEREOF AND
; TITLE OF INVENTION: USE THEREOF IN GENE THERAPY
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,511
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 95/02117
; FILING DATE: 23-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO FR96/00274
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Savitzky Esq., Martin F.
; REGISTRATION NUMBER: 29,699
; REFERENCE/DOCKET NUMBER: ST95013-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3816
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
US-08-894-511-19

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

	Matches	17; Conservative	0; Mismatches	4; Indels	0; Gaps	0;
Qy	2800	AGGAAGGGAATGAGAGAG	2820			
Db	21	AGGAAGGGAAGGAGAGAG	1			

```

RESULT 511
US-08-757-669A-6
: Sequence 6, Application US/08757669A
: Patent No. 6183751
: GENERAL INFORMATION:
: APPLICANT: Chang, Yuan
: APPLICANT: Bohenzky, Roy A.
: APPLICANT: Russo, James J.
: APPLICANT: Edelman, Isidore S.
: APPLICANT: Moore, Patrick S.
: TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
: TITLE OF INVENTION: SEQUENCES AND USES THEREOF
: NUMBER OF SEQUENCES: 20
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Cooper & Dunham LLP
: STREET: 1185 Avenue of the Americas
: CITY: New York
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 10036
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/757,669A
: FILING DATE:
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: White, John P.
: REGISTRATION NUMBER: 28,678
: REFERENCE/DOCKET NUMBER: 45185-F
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (212) 278-0400
: TELEFAX: (212) 391-0525
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEICAL: N
: ANTI-SENSE: N
:
US-08-757-669A-6
:
Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 726 TCATGAGCTTCTTCACCGAG 746
| ||| ||| ||| ||| |||
Db 1 TGCATCAGCTTCTTCACCCAG 21

```

```

1  APPLICANT:  Horikawa, Yukio
2  APPLICANT:  Menzel, Stephen
3  TITLE OF INVENTION:  MUTATIONS IN THE DIABETES SUSCEPTIBILITY
4  TITLE OF INVENTION:  GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
5  TITLE OF INVENTION:  AND HNF-4ALPHA
6  NUMBER OF SEQUENCES:  147
7  CORRESPONDENCE ADDRESS:
8  ADDRESSEE:  Arnold, White & Durkee
9  STREET:  P.O. Box 4433
10 City:  Houston
11 STATE:  Texas
12 COUNTRY:  USA
13 ZIP:  77210
14
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE:  Floppy disk
17 COMPUTER:  IBM PC compatible
18 OPERATING SYSTEM:  PC-DOS/MS-DOS
19 SOFTWARE:  Patent In Release #1.0, Version #1.30
20
21 CURRENT APPLICATION DATA:
22 APPLICATION NUMBER:  US/08/927,219
23 FILING DATE:  Concurrently Herewith
24 CLASSIFICATION:  435
25
26 PRIOR APPLICATION DATA:
27 APPLICATION NUMBER:  US 60/029,679
28 FILING DATE:  30-OCT-1996
29
30 PRIOR APPLICATION DATA:
31 APPLICATION NUMBER:  US 60/028,056
32 FILING DATE:  02-OCT-1996
33
34 PRIOR APPLICATION DATA:
35 APPLICATION NUMBER:  US 60/025,719
36 FILING DATE:  10-SEP-1996
37
38 ATTORNEY/AGENT INFORMATION:
39 NAME:  Wilson, Mark B.
40 REGISTRATION NUMBER:  37,259
41 REFERENCE/DOCKET NUMBER:  ARCD:272
42
43 TELECOMMUNICATION INFORMATION:
44 TELEPHONE:  512/418-3000
45 TELEFAX:  512/474-7577
46
47 INFORMATION FOR SEQ ID NO:  19:
48
49 SEQUENCE CHARACTERISTICS:
50 LENGTH:  21 base pairs
51 TYPE:  nucleic acid
52 STRANDEDNESS:  single
53 TOPOLOGY:  linear
54
55 US-08-927-219-19
56
57 Query March 0.3%; Score 14.6; DB 1; Length 21;
58 Best Local Similarity 81.0%; Pred. No. 9.2e+02;
59 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
60
61 Oy 2221 GTCCCTTAACATCATCTCACC 2241
62 ||||| ||||| |||||
63 Db 21 GTCCATTGACGACGATCACC 1
64
65 RESULT 513
66 US-09-266-596-26
67 Sequence 26, Application US/09266596
68 Patent No. 6218187
69
70 GENERAL INFORMATION:
71 APPLICANT:  FINER, MITCHELL H.
72 APPLICANT:  DULL, THOMAS J.
73 APPLICANT:  ZSEBO, KRISZTINA M.
74 APPLICANT:  COOKE, KEEGAN
75 APPLICANT:  PARSON, DEBORAH A.
76 TITLE OF INVENTION:  METHOD FOR PRODUCTION OF HIGH TITER
77 TITLE OF INVENTION:  VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
78 TITLE OF INVENTION:  OF MAMMALIAN CELLS
79 NUMBER OF SEQUENCES:  48
80 CORRESPONDENCE ADDRESS:
81 ADDRESSEE:  CELL GENESYS, INC.
82 STREET:  322 LAKE SIDE DRIVE
83 CITY:  FOSTER CITY

```

STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/266,596
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/517,488
FILING DATE: 21-AUG-1995
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-266-596-26

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTCTCTC 284
DB 1 CCACCCCTCCTCTGCTCTC 21

RESULT 514
US-08-943-731-617
Sequence 617, Application US/08943731
Patent No. 6265157
GENERAL INFORMATION:
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTILA, LORETTA D.
APPLICANT: DELTAS, CONSTANTINOS D.
APPLICANT: SEREDA, LARISA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KOROKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
CITY: PHILADELPHIA
STATE: FLR.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9598-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2991
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 617:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-943-731-617

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3868 GGCCCATCAAGCCTCCAGAT 3888
DB 1 GGCCCATCAAGCAACCAAT 21

RESULT 515
US-08-943-731-619
Sequence 619, Application US/08943731
Patent No. 6265157
GENERAL INFORMATION:
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTILA, LORETTA D.
APPLICANT: DELTAS, CONSTANTINOS D.
APPLICANT: SEREDA, LARISA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KOROKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
CITY: PHILADELPHIA
STATE: FLR.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9598-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2391
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 619:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-943-731-619

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3868 GGGCCATCAAGCCTTCAGAT 3888
DB 1 GGGCCATCAAGCACCACCAAT 21

RESULT 516
US-09-543-106-5
Sequence 5, Application US/09543106
Patent No. 6270977
GENERAL INFORMATION:
APPLICANT: Klamm, Richard C.
TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
DETECTION SCHEME FOR THE PSEUDORABIES VIRUS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: W. Murray Spruill (Alston & Bird, LLP)
STREET: 3605 Glenwood Ave. Suite 310
CITY: Raleigh
STATE: NC
COUNTRY: US
ZIP: 27622
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,106
FILING DATE: 05-Apr-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/069,811
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 5626-16
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919 420 2202
TELEFAX: 919 861 3175
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-543-106-5

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2233 TCACTCACCCTTCACGACC 2253
DB 1 TCACGACCGCTTCACGACC 21

RESULT 517
US-09-316-083-17
Sequence 17, Application US/09316083A
Patent No. 6280942
GENERAL INFORMATION:
APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: Endonuclease
FILE REFERENCE: PH-651
CURRENT APPLICATION NUMBER: US/09/316,083A
CURRENT FILING DATE: 1999-05-20
EARLIER APPLICATION NUMBER: JP98/141861
EARLIER FILING DATE: 1998-05-22
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-316-083-17

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATA 4434
DB 1 ATATATATATATATATATATA 21

RESULT 518
US-08-479-737-24
Sequence 24, Application US/08479737
Patent No. 6339494
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J
Weiss, Brian A
Irving, Brian A
Roberts, Margo R
Zeebo, Kristzina
TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR ASSOCIATED
SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: US
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,737

FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,405
FILING DATE: 05-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandel, Saralynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: Cell 5.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
TELEFAX: (415) 358-0803
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-08-479-737-24

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTCTCTC 284
DB 1 CCACCCCTCACTGCTTCTC 21

RESULT 519
US-09-580-923-26/c
Sequence 26, Application US/09580923
Patent No. 6319672
GENERAL INFORMATION:
APPLICANT: Crouzet, Joel
APPLICANT: Scherman, Daniel
APPLICANT: Wils, Pierre
APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
FILE REFERENCE: 03804.0138-01
CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-580-923-26

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGAAGAGAGAAATGAAGAG 2820
DB 21 AAGAAGAGAGAAAGAAAG 1

RESULT 520
US-09-580-923-36
Sequence 36, Application US/09580923

Patent No. 6319672
GENERAL INFORMATION:
APPLICANT: Crouzet, Joel
APPLICANT: Scherman, Daniel
APPLICANT: Wils, Pierre
APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
FILE REFERENCE: 03804.0138-01
CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-580-923-36

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAAGAG 2822
DB 1 GAAGAAGAGAGAAAGAA 21

RESULT 521
US-09-230-371A-6
Sequence 6, Application US/09230371A
Patent No. 6348586
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A
APPLICANT: Russo, James J
APPLICANT: Edelman, Isidore S
APPLICANT: Moore, Patrick S
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS SEQUENCES AND
FILE REFERENCE: 45185-G-PCT-US
CURRENT APPLICATION NUMBER: US/09/230,371A
CURRENT FILING DATE: 1999-11-17
PRIOR APPLICATION NUMBER: PCT/US97/13346
PRIOR FILING DATE: 1997-07-22
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: synthetic construct
US-09-230-371A-6

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 726 TCATCAGGTTTTCACCAAG 746
DB 1 TCATCAGGTTTTCACCCAG 21

RESULT 522
US-09-105-058C-16/c
Sequence 16, Application US/09105058C

Patent No. 6403360
GENERAL INFORMATION:
APPLICANT: Blannar, Michael A.
APPLICANT: Dworetzky, Steven
APPLICANT: Gribkoff, Valentin K.
APPLICANT: Levesque, Paul C.
APPLICANT: Little, Wayne A.
APPLICANT: Neubauer, Michael G.
APPLICANT: Yang, Wen-Pin
TITLE OF INVENTION: KCNQ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
FILE REFERENCE: 3053-4052
CURRENT APPLICATION NUMBER: US/09/105,058C
CURRENT FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: US 60/055,599
PRIOR FILING DATE: 1997-08-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 16
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse primer
US-09-105-058C-16

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2614 GCCCTGCTTGGCAGATTG 2634
Db 21 GCAACGCTTGGCAGATTG 1

RESULT 523
US-08-475-442A-24
Sequence 24, Application US/08475442A
Patent No. 6407221
GENERAL INFORMATION:
APPLICANT: CAPON, DANIEL J
APPLICANT: WEISS, ARTHUR
APPLICANT: IRVING, BRIAN A
APPLICANT: ROBERTS, MARCO R
APPLICANT: ZSEBO, KRISZTINA
TITLE OF INVENTION: CHIMERIC CHAINS FOR
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,442A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,405
FILING DATE: 05-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,194
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/627,643
FILING DATE: 14-DEC-1990

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/09431
FILING DATE: 12-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL5.5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)358-9600x131
TELEFAX: (415)349-7392
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-475-442A-24

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 264 CCCCCCTCTCTCTTCTC 284
Db 1 CCACCCCTCCTCTCTC 21

RESULT 524
US-09-655-728-19/C
Sequence 19, Application US/09655728
Patent No. 6492164
GENERAL INFORMATION:
APPLICANT: CROUZET, Joel
APPLICANT: SCHERMAN, Daniel
APPLICANT: CAMERON, Beatrice
APPLICANT: WILS, Pierre
APPLICANT: DARQUET, Anne-Marie
TITLE OF INVENTION: DNA MOLECULES, PREPARATION THEREOF AND
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3c43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/655,728
FILING DATE: 05-SEP-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/894,511
FILING DATE: <Unknown>
APPLICATION NUMBER: WO FR96/00274
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: ST95013-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 19;
US-09-655-728-19

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2800 AGGAGAGAGAAATGAGAG 2820
DB 21 AAGAGAGAGAGAAAGAG 1

RESULT 525
US-09-944-411-26
Sequence 26, Application US/09944411
Patent No. 6506604
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
DULL, THOMAS J.
ZSERO, KRISZTINA M.
COOKE, KEEGAN
PARSON, DEBORAH A.

TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
OF MAMMALIAN CELLS

NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/944,411
FILING DATE: 04-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/914,893
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993

ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 26;
US-09-944-411-26

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTTCTC 284
DB 1 CCACCCCTCACTCTCTCTC 21

RESULT 526
US-09-933-700-17
Sequence 17, Application US/09933700
Patent No. 6528296
GENERAL INFORMATION:
APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: Endonuclease
FILE REFERENCE: PH-651
CURRENT APPLICATION NUMBER: US/09/933,700
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: 09/316,083
PRIOR FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-933-700-17

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATA 4434
DB 1 ATATATATATATATATA 21

RESULT 527
US-09-422-978-3962/c
Sequence 3962, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3962
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-12531 for SEQ 28,
US-09-422-978-3962

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2465 CAATACGCTTACCAAGCA 2485
DB 21 CAATACGCTTCAAGCA 1

RESULT 528
US-09-422-978-8477/c
Sequence 8477, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020C01
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8477

LENGTH: 21

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind
LOCATION: 1..21

OTHER INFORMATION: downstream amplification primer 99-15748 for SEQ 612, in compleme

US-09-422-978-8477

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 47 CCACTTCTGCGCCACCAT 67

Db 21 CCACTTCTGCGCCACCAT 1

RESULT 529

US-09-422-978-10799

Sequence 10799, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020C01

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 10799

LENGTH: 21

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind
LOCATION: 1..21

OTHER INFORMATION: downstream amplification primer 99-19901 for SEQ 2934, in compleme

US-09-422-978-10799

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4460 CAGATGCGCAGTCTGTG 4480

Db 1 CAGATGTTCCAGTCTGTG 21

RESULT 530
US-09-374-766-54

Sequence 54, Application US/09374766

Patent No. 6579526

GENERAL INFORMATION:

APPLICANT: Hervé PERRON

APPLICANT: Frédéric BESEME

APPLICANT: Glauca PARANHOS-BACCALA

APPLICANT: Florence KOMORIAN-PRADEL

APPLICANT: Colette JOLIVET

APPLICANT: Bernard MANDRAND

TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS

TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLAC

TITLE OF INVENTION: THERAPEUTIC PURPOSES

NUMBER OF SEQUENCES: 92

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oliff & Berridge

STREET: 700 South Washington Street, Suite 300

CITY: Alexandria

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/374,766

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/691,563

FILING DATE: 02-AUG-1996

ATTORNEY/AGENT INFORMATION:

NAME: Berridge, William P.

REGISTRATION NUMBER: 30,024

REFERENCE/DOCKET NUMBER: MPB 38588

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6400

TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 54:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleotide

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

US-09-374-766-54

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3581 CCGAGTCTTCCCTAGCC 3601

Db 1 CCGAGTCTTCCCTAGCC 21

RESULT 531

US-08-979-847B-50

Sequence 50, Application US/08979847B

Patent No. 6582703

GENERAL INFORMATION:

APPLICANT: PERRON, HERVE

BESEME, FREDERIC

BEDIN, FREDERIC

PARANHOS-BACCALA, GLAUCIA


```
! TYPE: DNA
! ORGANISM: Homo sapiens
US-09-657-472-826
```

```
Query Match          0.3%: Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1542 CTGCAGCTTATGATGACG 1562
Db      21 CTGCAGATCAGAGACACAG 1
```

```
RESULT 535
US-09-657-472-828/c
! Sequence 828, Application US/09657472
! Patent No. 6727063
! GENERAL INFORMATION:
! APPLICANT: Lander, Eric S.
! APPLICANT: Cargill, Michele
! APPLICANT: Ireland, James S.
! APPLICANT: Bolik, Stacey
! APPLICANT: Daley, George Q.
! APPLICANT: McCarthy, Jeanette J.
! TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
! FILE REFERENCE: 2825.1027-001
! CURRENT APPLICATION NUMBER: US/09/657,472
! CURRENT FILING DATE: 2000-09-07
! PRIOR APPLICATION NUMBER: US 60/153,357
! PRIOR FILING DATE: 1999-09-10
! PRIOR APPLICATION NUMBER: US 60/220,947
! PRIOR FILING DATE: 2000-07-26
! PRIOR APPLICATION NUMBER: US 60/225,724
! PRIOR FILING DATE: 2000-08-16
! NUMBER OF SEQ ID NOS: 2551
! SOFTWARE: FastSeq for Windows Version 4.0
! SEQ ID NO 828
! LENGTH: 21
! TYPE: DNA
! ORGANISM: Homo sapiens
US-09-657-472-828
```

```
Query Match          0.3%: Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1030 GTGGGCTTCCAGAGAGATC 1050
Db      21 GTGGGCTTCTATATAGATC 1
```

```
RESULT 536
US-09-657-472-2440/c
! Sequence 2440, Application US/09657472
! Patent No. 6727063
! GENERAL INFORMATION:
! APPLICANT: Lander, Eric S.
! APPLICANT: Cargill, Michele
! APPLICANT: Ireland, James S.
! APPLICANT: Bolik, Stacey
! APPLICANT: Daley, George Q.
! APPLICANT: McCarthy, Jeanette J.
! TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
! FILE REFERENCE: 2825.1027-001
! CURRENT APPLICATION NUMBER: US/09/657,472
! CURRENT FILING DATE: 2000-09-07
! PRIOR APPLICATION NUMBER: US 60/153,357
! PRIOR FILING DATE: 1999-09-10
! PRIOR APPLICATION NUMBER: US 60/220,947
! PRIOR FILING DATE: 2000-07-26
! PRIOR APPLICATION NUMBER: US 60/225,724
! PRIOR FILING DATE: 2000-08-16
! NUMBER OF SEQ ID NOS: 2551
```

```
! SOFTWARE: FastSeq for Windows Version 4.0
! SEQ ID NO 2440
! LENGTH: 21
! TYPE: DNA
! ORGANISM: Homo sapiens
US-09-657-472-2440
```

```
Query Match          0.3%: Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5207 AGGGAATGACCCACATTC 5227
Db      21 AGGGAATCCAKCCCATTTTC 1
```

```
RESULT 537
US-09-153-838-2/c
! Sequence 2, Application US/09153838A
! Patent No. 6730781
! GENERAL INFORMATION:
! APPLICANT: Wils, Pierre
! APPLICANT: Ollivier, Monique
! TITLE OF INVENTION: PURIFICATION OF PHARMACEUTICAL-GRADE PLASMID DNA
! FILE REFERENCE: ST96016-US
! CURRENT APPLICATION NUMBER: US/09/153,838A
! CURRENT FILING DATE: 1998-09-15
! EARLIER APPLICATION NUMBER: PCT/FR97/00472
! EARLIER FILING DATE: 1997-03-17
! EARLIER APPLICATION NUMBER: FR96/03519
! EARLIER FILING DATE: 1996-03-21
! NUMBER OF SEQ ID NOS: 15
! SOFTWARE: PatentIn Ver. 2.0
! SEQ ID NO 2
! LENGTH: 21
! TYPE: DNA
! ORGANISM: Artificial Sequence
! FEATURE:
! OTHER INFORMATION: Description of Artificial Sequence: Poly-CTT
! OTHER INFORMATION: containing oligonucleotide
US-09-153-838-2
```

```
Query Match          0.3%: Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2800 ACGAGAGAGAAATGAGAG 2820
Db      21 AAGAGAGAGAGAGAGAG 1
```

```
RESULT 538
US-09-898-659-9/c
! Sequence 9, Application US/09898659
! Patent No. 6756524
! GENERAL INFORMATION:
! APPLICANT: Tanksley, Steven D.
! TITLE OF INVENTION: GENE CONTROLLING FRUIT SIZE AND CELL DIVISION IN
! FILE REFERENCE: 19603/3211
! CURRENT APPLICATION NUMBER: US/09/898,659
! CURRENT FILING DATE: 2001-07-03
! PRIOR APPLICATION NUMBER: 60/215,824
! PRIOR FILING DATE: 2000-07-05
! NUMBER OF SEQ ID NOS: 39
! SOFTWARE: PatentIn Ver. 2.1
! SEQ ID NO 9
! LENGTH: 21
! TYPE: DNA
! ORGANISM: Artificial Sequence
! FEATURE:
! OTHER INFORMATION: Description of Artificial Sequence: GSPI Primer
US-09-898-659-9
```

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 9.2e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3222 TCCAGCATCTCTGAATCATC 3242

DB 21 TCCAGATCATGTAATCATC 1

RESULT 539

US-10-195-781B-10

Sequence 10, Application US/10195781B

Patent No. 6797859

GENERAL INFORMATION:

APPLICANT: Abdlit, Shane

APPLICANT: Li, Chun Ping

APPLICANT: Niu, Xiaomu

TITLE OF INVENTION: Vascular Tissue-Preferred Promoters

FILE REFERENCE: 1309

CURRENT APPLICATION NUMBER: US/10/195,781B

CURRENT FILING DATE: 2002-07-15

PRIOR APPLICATION NUMBER: 60/305362

PRIOR FILING DATE: 2001-07-13

NUMBER OF SEQ ID NOS: 13

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 10

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Artificial sequence

US-10-195-781B-10

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4751 ATGGCTAGGCTGAGAGAGG 4771

DB 1 ATGCATGGCTGAGAGAGG 21

RESULT 540

PCT-US95-00163-7

Sequence 7, Application PC/TUS9500163

GENERAL INFORMATION:

APPLICANT: Cohen, Aharon S.

APPLICANT: Bourque, Andre

TITLE OF INVENTION: Method for Analyzing

TITLE OF INVENTION: Oligonucleotide Analogs

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lapin & Kusmer

STREET: 200 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/00163

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise

REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HY2-012PCT

TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/330-1300
TELEFAX: 617/330-1311
INFORMATION FOR SEQ ID NO: 7;
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO

PCT-US95-00163-7

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTTCT 283

DB 1 CCGACCATCTCTCTTCT 21

RESULT 541

PCT-US95-06743-22

Sequence 22, Application PC/TUS9506743

GENERAL INFORMATION:

APPLICANT: Bergsma, Derek J.

APPLICANT: Stambolian, Dwight

TITLE OF INVENTION: Human Galactokinase Gene

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: SmithKline Beecham Corp./Corporate

STREET: 709 Swedeland Road/WM2220

CITY: King of Prussia

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19406-0939

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06743

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/10825

FILING DATE: 23-SEP-1994

ATTORNEY/AGENT INFORMATION:

NAME: Sutton, Jeffrey A.

REGISTRATION NUMBER: 34,028

REFERENCE/DOCKET NUMBER: P50268-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-270-5024

TELEFAX: 610-270-5090

INFORMATION FOR SEQ ID NO: 22;

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

PCT-US95-06743-22

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 9.2e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 391 AGCAGCGAGGCGCAGAG 411

DB 1 AGCAGCGAGGCGCAGAG 21

APPLICATION NUMBER: GB 9617961.9
FILING DATE: 28-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kenneth D Sibley
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-135
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-755-587-84

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1212 CAGAGGTATTGACCAAGCAG 1232
DB 22 CAGATGTATTTCACAGCAG 2

RESULT 545
US-08-526-136-33/c
Sequence 33, Application US/08526136
Patent No. 6107089
GENERAL INFORMATION:
APPLICANT: Towle, Christine A. et al.
TITLE OF INVENTION: ANNEXIN XI
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/526,136
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/214,036
FILING DATE:
APPLICATION NUMBER: 07/837,775
FILING DATE: February 13, 1992
APPLICATION NUMBER: 07/764,465
FILING DATE: September 23, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/099001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-526-136-33

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2545 CTTATCCCTGGTGACGCTGG 2565
DB 21 CTTCTTACTGTGTGACCTCG 1

RESULT 546
US-08-718-425-3
Sequence 3, Application US/08718425
Patent No. 6132983
GENERAL INFORMATION:
APPLICANT: Lowe, Christopher R.
APPLICANT: White, Peter J.
APPLICANT: Murray, James A. H.
APPLICANT: Squirell, David J.
TITLE OF INVENTION: LUCIFERASES
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon & Vandervhye
STREET: 1100 No. 6132983th Glebe Road, 8th floor
CITY: Arlington
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/718,425
FILING DATE: 20-NOV-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arthur R. Crawford
REGISTRATION NUMBER: 25,327
REFERENCE/DOCKET NUMBER: 124-539
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-718-425-3

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 12 CATCCACGTGGGTGCACGA 32
DB 1 CATCCCTGGGTGATCA 21

RESULT 547
US-08-875-277A-5
Sequence 5, Application US/08875277A
Patent No. 6171808
GENERAL INFORMATION:
APPLICANT: SQUIRELL, DAVID J.
APPLICANT: LOWE, CHRISTOPHER R.
APPLICANT: WHITE, PETER J.
APPLICANT: MURRAY, JAMES A.H.
TITLE OF INVENTION: MUTANT LUCIFERASES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA

COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,277A
FILING DATE: 01-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9501172.2
FILING DATE: 20-JAN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9508301.0
FILING DATE: 24-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: CRAWFORD, ARTHUR R.
REGISTRATION NUMBER: 25,327
REFERENCE/DOCKET NUMBER: 124-588
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Photinus pyralis
FEATURE:
NAME/KEY: misc.difference
LOCATION: replace(10, "")
US-08-875-277A-5

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 12 CATCCACGTGGGTGCAGCA 32
Db 1 CATCCCTTGCGGTATCA 21

RESULT 548
US-09-068-880-3
Sequence 3, Application US/09068880B
Patent No. 6203982
GENERAL INFORMATION:
APPLICANT: Munokawa, Youichi
APPLICANT: Oikawa, Shinzo
APPLICANT: Tanaka, Shoji
TITLE OF INVENTION: Method for Screening Compounds
TITLE OF INVENTION: Regulating the Expression of Human-Inducible Nitric Oxide
FILE REFERENCE: SHIM-001
CURRENT APPLICATION NUMBER: US/09/068,880B
CURRENT FILING DATE: 1998-09-02
EARLIER APPLICATION NUMBER: PCT/J97/03303
EARLIER FILING DATE: 1997-09-18
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-068-880-3

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3015 CCTTCACCCACCACCATGGGAG 3035
Db 1 CTTCCAGCCACCTTGTTGAG 21

RESULT 549
US-09-240-918-10
Sequence 10, Application US/09240918
Patent No. 6265165
GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter C.
APPLICANT: Xu, Zhidong
TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING
FILE REFERENCE: 480.85.1(HV)
CURRENT APPLICATION NUMBER: US/09/240,918
CURRENT FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 60/108,183
PRIOR FILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-240-918-10

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 265 CCCCCCTCTCTCTTCTCT 285
Db 1 CTCTCTCTCCTCATTCTCT 21

RESULT 550
US-09-097-231-21
Sequence 21, Application US/09097231
Patent No. 6278038
GENERAL INFORMATION:
APPLICANT: Cone, Roger D
APPLICANT: Chen, Wenbiao
APPLICANT: Low, Malcolm J
TITLE OF INVENTION: Mammalian Melanocortin Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSER: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,231
FILING DATE: 12-Jun-1998
CLASSIFICATION: Unknown
ATTORNEY/AGENT INFORMATION:
NAME: No. 6278038nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 96,886-C
TELECOMMUNICATION INFORMATION:

```
/
/ TELEPHONE: 312-913-0001
/
/ TELEFAX: 312-913-0002
/
/ TELEX: <Unknown>
/
/ INFORMATION FOR SEQ ID NO: 21:
/
/ SEQUENCE CHARACTERISTICS:
/
/ LENGTH: 22 base pairs
/
/ TYPE: nucleic acid
/
/ STRANDEDNESS: single
/
/ TOPOLOGY: linear
/
/ MOLECULE TYPE: DNA (genomic)
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-097-231-21

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3181 AGCAGTGGAGAGTCACTAGCA 3201
DB 2 AGGATTGGAGAGACATAGCA 22

RESULT 551
US-09-433-322B-3
/ Sequence 3, Application US/09433322B
/ Patent No. 6312948
/ GENERAL INFORMATION:
/ APPLICANT: COHEN-HAGUENAUER, Odile
/ TITLE OF INVENTION: RETROVIRAL VECTOR FOR THE TRANSFER AND EXPRESSION OF
/ FILE REFERENCE: 8076.110USC1
/ CURRENT APPLICATION NUMBER: US/09/433,322B
/ PRIOR FILING DATE: 1999-11-03
/ PRIOR APPLICATION NUMBER: US 08/270,662
/ PRIOR FILING DATE: 1994-06-30
/ PRIOR APPLICATION NUMBER: FR 9308015
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 3
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Primer
US-09-433-322B-3

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4265 TGCTGAGGCTGGAGAGAAAAC 4285
DB 2 TGCTGACGGAGAGAGAAAAC 22

RESULT 552
US-08-564-989-1
/ Sequence 1, Application US/08564989
/ Patent No. 6432709
/ GENERAL INFORMATION:
/ APPLICANT: Cohen-Haguenaur, Odile
/ TITLE OF INVENTION: PACKAGING CELL LINES AND EXPRESSION VECTORS INTENDED F
/ NUMBER OF SEQUENCES: 17
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt
/ STREET: 3100 No. 6432709west Center, 90 S. 7th Street
/ CITY: Minneapolis
/ STATE: MN
/ COUNTRY: U.S.A.
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
```

```
/
/ SOFTWARE: FastSeq Version 1.5
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/564,989
/ FILING DATE: 30-NOV-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 94 14406
/ FILING DATE: 30-NOV-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hillebon, Randall A
/ REGISTRATION NUMBER: 31,838
/ REFERENCE/DOCKET NUMBER: 8076.126US01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 612/332-5300
/ TELEFAX: 612/332/9081
/ TELEX:

/ INFORMATION FOR SEQ ID NO: 1:
/
/ SEQUENCE CHARACTERISTICS:
/
/ LENGTH: 22 base pairs
/
/ TYPE: nucleic acid
/
/ STRANDEDNESS: single
/
/ TOPOLOGY: linear
/
/ MOLECULE TYPE: Genomic DNA
/
/ HYPOTHETICAL: NO
/
/ ANTI-SENSE: NO
/
/ FRAGMENT TYPE:
/
/ ORIGINAL SOURCE:
US-08-564-989-1

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4265 TGCTGAGGCTGGAGAGAAAAC 4285
DB 2 TGCTGACGGAGAGAGAAAAC 22

RESULT 553
US-08-564-989-17
/ Sequence 17, Application US/08564989
/ Patent No. 6432709
/ GENERAL INFORMATION:
/ APPLICANT: Cohen-Haguenaur, Odile
/ TITLE OF INVENTION: PACKAGING CELL LINES AND EXPRESSION VECTORS INTENDED F
/ NUMBER OF SEQUENCES: 17
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt
/ STREET: 3100 No. 6432709west Center, 90 S. 7th Street
/ CITY: Minneapolis
/ STATE: MN
/ COUNTRY: U.S.A.
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/564,989
/ FILING DATE: 30-NOV-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 94 14406
/ FILING DATE: 30-NOV-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hillebon, Randall A
/ REGISTRATION NUMBER: 31,838
/ REFERENCE/DOCKET NUMBER: 8076.126US01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 612/332-5300
/ TELEFAX: 612/332/9081
/ TELEX:
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; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 22 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: Genomic DNA
;   HYPOTHETICAL: NO
;   ANTI-SENSE: NO
;   FRAGMENT TYPE: NO
;   ORIGINAL SOURCE:
; US-08-564-989-17

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4265 TGCTGAGCTGTGAAGAAAC 4285
DB      2 TGCTGACGGAGAGAAAC 22

RESULT 554
US-09-487-792-50/c
; Sequence 50, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; EARLIER FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-487-792-50

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1332 ATTGAAGACAAGGTCAAGGCC 1352
DB      22 AGTAAAGCAAGGTCAAGGCC 22

RESULT 555
US-09-908-594-50/c
; Sequence 50, Application US/09908594
; Patent No. 6472512
; GENERAL INFORMATION:
; APPLICANT: Lafleur, et al.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P2
; CURRENT APPLICATION NUMBER: US/09/908,594
; EARLIER FILING DATE: 2001-07-20
; EARLIER APPLICATION NUMBER: 60/292,934
; EARLIER FILING DATE: 2001-05-24
; EARLIER APPLICATION NUMBER: 60/219,621
; EARLIER FILING DATE: 2000-07-21
; EARLIER APPLICATION NUMBER: 09/487,792
; EARLIER FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: US00/01239
; EARLIER FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 09/358,587
; EARLIER FILING DATE: 1999-07-21
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; PRIOR APPLICATION NUMBER: US99/16424
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 60/093,643
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Primer Blind
; OTHER INFORMATION: Synthetic primer complementary to the human IFNa2.
; US-09-908-594-50

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1332 ATTGAAGACAAGGTCAAGGCC 1352
DB      22 AGTAAAGCAAGGTCAAGGCC 22

RESULT 556
US-09-658-077-4
; Sequence 4, Application US/09658077
; Patent No. 6627748
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingyue
; APPLICANT: et al.
; TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And
; FILE REFERENCE: 05/562238/JW/ADM
; CURRENT APPLICATION NUMBER: US/09/658,077
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-658-077-4

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2966 CATGCCCTTCGGTTAGAGGC 2986
DB      2 CATAGCCGATCGGATAGAGGC 22

RESULT 557
US-09-930-218-14/c
; Sequence 14, Application US/09930218
; Patent No. 6677137
; GENERAL INFORMATION:
; APPLICANT: goldshmid, orit
; APPLICANT: pecker, iris
; APPLICANT: viodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
; FILE REFERENCE: 01/22335
; CURRENT APPLICATION NUMBER: US/09/930,218
; CURRENT FILING DATE: 2001-08-16
; EARLIER APPLICATION NUMBER: 09/666,390
; EARLIER FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
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SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: synthetic polynucleotide
US-09-930-218-14

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4448 GGATCGAACACTCATGTG 4468
DB 22 GGATCCATCCCTCTGATGTG 2

RESULT 558
US-09-332-522E-82
Sequence 82, Application US/09332522E
Patent No. 6781028
GENERAL INFORMATION:
APPLICANT: Costa, M.
APPLICANT: Doberestein, S.
APPLICANT: Elson, S.
APPLICANT: Ferguson, K.
APPLICANT: Homberger, S.
TITLE OF INVENTION: ANIMAL MODELS AND METHODS FOR ANALYSIS OF LIPID METABOLISM AND S
FILE REFERENCE: 7326-101, EX99-004
CURRENT APPLICATION NUMBER: US/09/332,522E
NUMBER OF SEQ ID NOS: 95
SOFTWARE: PatentIn version 3.1
SEQ ID NO 82
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-332-522E-82

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2157 CTCAGCGCAACCAAACTAT 2177
DB 1 CTCAGTCGATCCAAACTGT 21

RESULT 559
PCT-US95-00163-6
Sequence 6, Application PC/TUS9500163
GENERAL INFORMATION:
APPLICANT: Cohen, Anaron S.
APPLICANT: Bourque, Andre
APPLICANT: Valenichik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00163
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Kerne, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-012PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/330-1300
TELEFAX: 617/330-1311
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
PCT-US95-00163-6

Query Match 0.3%; -Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTTCT 283
DB 2 CGCACCATCTCTCTCTCT 22

RESULT 560
US-08-459-434-6
Sequence 6, Application US/08459434
Patent No. 5969116
GENERAL INFORMATION:
APPLICANT: Martin, Pierre
TITLE OF INVENTION: Nucleosides and oligonucleotides having
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5969116artis Corporation
STREET: 59 Route 10
CITY: East Hanover
STATE: New Jersey
COUNTRY: USA
ZIP: 07936-1080
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 1467/93-4
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/241,213
FILING DATE: 10-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ferrari, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide"
DESCRIPTION: comprising a modified sugar"
US-08-459-434-6

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTC 292
Db 1 TTTTCTCTCTCTC 16

RESULT 561
US-08-435-350-39/c
Sequence 39, Application US/08435350
Patent No. 5599704
GENERAL INFORMATION:
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR
NUMBER OF INVENTION: TREATMENT OF BREAST CANCER
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435.350
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936,531
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/245
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-350-39

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 341 TTCCTCTAGAGCGC 356
Db 17 TTCCTCTAGAGCGC 2

RESULT 562
US-08-441-370-3
Sequence 3, Application US/08441370
Patent No. 5721138

GENERAL INFORMATION:
APPLICANT: Lawn, Richard M.
TITLE OF INVENTION: Apolipoprotein(A) Promoter and
TITLE OF INVENTION: Regulatory Sequence Constructs and Methods of Use
Patent No. 5721138
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,370
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,849
FILING DATE: 15-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Cortuzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7627-003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-441-370-3

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 38 GCAGAGAACCACTTC 53
Db 2 GTAGAGAACCACTTC 17

RESULT 563
US-08-460-890A-7/c
Sequence 7, Application US/08460890A
Patent No. 5994109
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gotchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/066
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-460-890A-7

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296
Db 17 TCCCTCTCTCTCTT 2

RESULT 564
US-08-460-890A-9/c
Sequence 9, Application US/08460890A
Patent No. 5994109
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641

FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/066
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-460-890A-9

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296
Db 17 TCCCTCTCTCTCTT 2

RESULT 565
US-08-167-641C-7/c
Sequence 7, Application US/08167641C
Patent No. 6033884
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-167-641C-7

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296
Db 17 TCCCTCTCTCTCTT 2

RESULT 566
US-08-167-641C-9/C
Sequence 9, Application US/08167641C
Patent No. 6033884
GENERAL INFORMATION:
APPLICANT: Woo, Savio L. C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gotchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-167-641C-9

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 281 TCTCTCTCTCTCTT 296
Db 17 TCCCTCTCTCTCTT 2

RESULT 567
US-08-460-971A-7/C
Sequence 7, Application US/08460971A
Patent No. 6150168
GENERAL INFORMATION:
APPLICANT: Woo, Savio L. C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gotchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-460-971A-7

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296
Db 17 TCCCTCTCTCTCTT 2

RESULT 568
US-08-460-971A-9/C
Sequence 9, Application US/08460971A

```
Patent No. 6150168
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-460-971A-9

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTT 296
DB      17 TCCCTCTCTCTCTT 2
```

```
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-462-040-7

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTT 296
DB      17 TCCCTCTCTCTCTT 2

RESULT 570
US-08-462-040-9/c
Sequence 9, Application US/08462040
Patent No. 6177554
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-462-040-9

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCTT 296
Db 17 TCCCTCTCTCTCTT 2

RESULT 571
US-08-881-450A-5
Sequence 5, Application US/08881450A
Patent No. 6274310
GENERAL INFORMATION:
APPLICANT: Hadener, J.F. and Scoffers, D.A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: PANCREATIC DISEASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/881,450A
FILING DATE: June 24, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 11275/7823
TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
FEATURE:
NAME/KEY: primer S16
US-08-881-450A-5

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1648 AGAGAGAGGCTCTG 1663
Db 2 AGAGAGAGGCTCTG 17

RESULT 572
US-09-343-698-2
Sequence 2, Application US/09343698
Patent No. 6475486
GENERAL INFORMATION:
APPLICANT: Seeman, Gerhard
Bosslet, Klaus
Czech, Joerg
Kolar, Cenek
Hoffman, Dieter
Sedlacek, Hans-Harald
TITLE OF INVENTION: Glycosyl-Etoposide Prodrugs, A Process For
Preparation Thereof And The Use Thereof In Combination wit
Functionalized Tumor-Specific Enzyme Conjugates
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farbow, Garrett &
Dunnen
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/343,698
FILING DATE: 30-Jun-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/325,955
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 05552.0981-04000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-343-698-2

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3924 CCGCGCGCGCGCTGC 3939
|||||
Db 1 CCGCGCGCGCGCTGC 16

RESULT 573
US-08-325-955-2
Sequence 2, Application US/08325955
Patent No. 6610299

GENERAL INFORMATION:
APPLICANT: Seeman, Gerhard
APPLICANT: Boeslet, Klaus
APPLICANT: Czech, Joerg
APPLICANT: Koliar, Cenek
APPLICANT: Hofman, Dieter
APPLICANT: Sedlacek, Hans-Harald
TITLE OF INVENTION: Glycosyl-Etoposide Prodrugs, A Process For
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/325,955
FILING DATE: 19-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 05552.0981-04000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-325-955-2

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3924 CCGCGCGCGCGCTGC 3939
|||||
Db 1 CCGCGCGCGCGCTGC 16

RESULT 574
US-09-866-108A-1344
Sequence 1344, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: Ji, Yonggang
APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEONICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1344

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1344

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAAGAAACATGCG 786
|||||
Db 2 AAGAAGAAAGATGCG 17

RESULT 575
US-09-866-108A-1348
Sequence 1348, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEONICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1348

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      774  AACGAAACATGGGCG 789
Db      1  AACGAAACATGGGCG 16

RESULT 576
US-09-866-108A-6703/c
; Sequence 6703, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```

US-09-866-108A-6703

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      82  GCTTCTTCAGAGTGG 97
Db      17  GCTTCTTCAGAGTGG 2

RESULT 577
US-09-866-108A-6704/c
; Sequence 6704, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6704
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6704

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      82  GCTTCTTCAGAGTGG 97
Db      16  GCTTCTTCAGAGTGG 1

RESULT 578
US-09-866-108A-7085
; Sequence 7085, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
```

```

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7085
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7085

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      550 CCAAGCGGAGGAGCT 565
Db      2 CCAAGGAGGAGGAGCT 17

RESULT 579
US-09-866-108A-7086
; Sequence 7086, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7085
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7086
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7086
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7086

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      550 CCAAGCGGAGGAGCT 565
Db      1 CCAAGGAGGAGGAGCT 16

RESULT 580
US-09-866-108A-8197/c
; Sequence 8197, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8197
; LENGTH: 17
; TYPE: DNA
```


ORGANISM: Homo sapiens
US-09-866-108A-8197

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3874 TCAAGCCTTCAGATC 3889
Db 17 TCAAGCCTTCAGATC 2

RESULT 581
US-09-866-108A-8199/c
Sequence 8199, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8199
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8199

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3873 ATCAAGCCTTCAGAT 3888
Db 16 ATCAAGCCTTCAGAT 1

RESULT 582
US-09-866-108A-8201/c
Sequence 8201, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8201
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8201

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCCA 3885
Db 17 CCCATCAAGCCTTCCA 2

RESULT 583
US-09-866-108A-8202/c
Sequence 8202, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8202
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8202

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAGCCTTCCA 3885
Db 16 CCGATCAGCCTTCCA 1

RESULT 584
US-07-767-135-16
Sequence 16, Application US/07767135
Patent No. 5234811
GENERAL INFORMATION:
APPLICANT: Beutler, Ernest
APPLICANT: Sorige, Joseph A
TITLE OF INVENTION: An Assay for a New Gaucher Disease
TITLE OF INVENTION: Mutation
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 3366 No. 5234811th Torrey Pines Court, Suite 240
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/767,135
FILING DATE: 19910927
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bingham, Douglas A
REGISTRATION NUMBER: 32,457
REFERENCE/DOCKET NUMBER: SCRO422P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-767-135-16

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4345 CCAGTGCCTCTTGAG 4360
Db 1 CCGATCCTCTTGAG 16

RESULT 585
US-07-999-280A-8/c
Sequence 8, Application US/07999280A
Patent No. 5573930

GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAMASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,280A
FILING DATE: 28-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681,007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-999-280A-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTTCGACACCTCC 3403
Db 18 GTACTCCGACACCTCC 3

RESULT 586
US-08-426-036-8/c

Sequence 8, Application US/08426036
Patent No. 5643563
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,036
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mcgarritgle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-426-036-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCGACACCTCC 3403
DB 18 GTACTCGACACCTCC 3

RESULT 587
US-07-976-103A-10/C
Sequence 10, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California

COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-10

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CTTTCTCTCTCTCT 291
DB 16 CTTTCTCTCTCTCT 1

RESULT 588
US-08-426-279-8/C
Sequence 8, Application US/08426279
Patent No. 5672343
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,279
FILING DATE: 21-APR-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mcgarritgle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542

TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-426-279-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCCTCGACACTCC 3403
DB 18 GTACTCGACACTCC 3

RESULT 589
US-08-401-013-8/c
Sequence 8, Application US/08401013
Patent No. 5681719
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENEBECK, ROBERT F.
APPLICANT: KOHNS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,013
FILING DATE: 08-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,280
FILING DATE: 26-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mcgarritigle JF., Phillip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-401-013-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCCTCGACACTCC 3403
DB 18 GTACTCGACACTCC 3

RESULT 590
US-08-473-481-10/c
Sequence 10, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDIO, JEFF

TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX: n/a
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-10

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 276 CTCTCTCTCTCTCT 291
Db 16 CTTTCTCTCTCTCT 1

RESULT 591
US-09-339-964-15/c
Sequence 15, Application US/09339964
Patent No. 6025198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-15

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2005 AGAACCGATCAGCCA 2020
Db 18 AGAACCGATCAGCCA 3

RESULT 592
US-08-426-570-8/c
Sequence 8, Application US/08426570
Patent No. 6103224
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENEBECK, ROBERT F.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,570
FILING DATE: 21-APR-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542

TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-426-570-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3388 GTCTCCGACACCTCC 3403
Db 18 GTACTCCGACACCTCC 3

RESULT 593
US-08-425-876-8/c
Sequence 8, Application US/08425876
Patent No. 6117422
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENEBECK, ROBERT F.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/425,876
FILING DATE: 21-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-425-876-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3388 GTCTCCGACACCTCC 3403
Db 18 GTACTCCGACACCTCC 3

RESULT 594
US-08-426-243-8/C
Sequence 8, Application US/08426243
Patent No. 6146851
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENECK, ROBERT F.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,243
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/999,280
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-426-243-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403
DB 18 GTACTCCGACACCTCC 3

RESULT 595
US-08-401-632-8/C
Sequence 8, Application US/08401632
Patent No. 6204020
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.

TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,632
FILING DATE: 09-MAR-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-401-632-8

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3388 GTCTCCGACACCTCC 3403
DB 18 GTACTCCGACACCTCC 3

RESULT 596
US-08-338-352-11/C
Sequence 11, Application US/08338352
Patent No. 6235867
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444

FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-38-352-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CTCCTCTCTCTCTCT 291
DB 16 CTTTCTCTCTCTCT 1

RESULT 597
US-08-599-738A-10/c
Sequence 10, Application US/08599738A
Patent No. 6380368
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILHEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-10

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CTCCTCTCTCTCTCT 291
DB 16 CTTTCTCTCTCTCT 1

RESULT 598
US-09-422-978-4491/c
Sequence 10, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: COHEN, DANIEL
APPLICANT: BLUMENFELD, MARTA
APPLICANT: CHUMAKOV, ILYA
TITLE OF INVENTION: BIALLELIC MARKERS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4491
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-15374 for SEQ 557,
US-09-422-978-4491

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1600 AGAAGAGAAGATCT 1615
DB 17 AGAAGAGAAGATCT 2

RESULT 599
US-09-422-978-6225/c
Sequence 6225, Application US/09422978

```
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marca
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 6225
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-10201 for SEQ 2291,
US-09-422-978-6225

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2755 ACCTGGAGTTCACATC 2770
Db      17  AACTGGAGTTCACATC 2

RESULT 600
US-10-294-203-10/c
/ Sequence 10, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ FILE REFERENCE: GLIS0135
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 10
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-10

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      276  CACCTTCTCTCTCTCT 291
Db      16  CTTTCTCTCTCTCT 1
```

```
RESULT 601
US-08-117-952-264
/ Sequence 264, Application US/08117952
/ Patent No. 5651760
/ GENERAL INFORMATION:
/ APPLICANT: Evans, Glen A.
/ APPLICANT: Smith, Michael W.
/ TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
/ TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
/ NUMBER OF SEQUENCES: 797
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pretly, Schroeder, Bruggemann & Clark
/ STREET: 444 South Flower Street, Suite 2000
/ CITY: Los Angeles
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/117,952
/ FILING DATE: 07-SEP-1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,471
/ FILING DATE: 15-JUN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Reiter, Stephen E.
/ REGISTRATION NUMBER: 31,192
/ REFERENCE/DOCKET NUMBER: P41 9423
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-546-4737
/ TELEFAX: 619-546-9392
/ INFORMATION FOR SEQ ID NO: 264:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Oligonucleotide
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
US-08-117-952-264

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4754 GCTAGCTGAGGCAG 4769
Db      4  GCTAGCTGAGGCAG 19

RESULT 602
US-09-026-033-11/c
/ Sequence 11, Application US/09026033
/ Patent No. 6368791
/ GENERAL INFORMATION:
/ APPLICANT: Felix, Carolyn A.
/ APPLICANT: Jones, Douglas H.
/ APPLICANT: Rappaport, Eric
/ TITLE OF INVENTION: METHOD AND KITS FOR ANALYSIS OF
/ TITLE OF INVENTION: CHROMOSOMAL REARRANGEMENTS ASSOCIATED WITH LEUKEMIA
/ NUMBER OF SEQUENCES: 23
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
/ STREET: One Commerce Square, 2005 Market Street, 22nd
/ STREET: Floor
/ CITY: Philadelphia
```


STATE: PA
COUNTRY: U.S.A.
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,033
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,624
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/056,923
FILING DATE: 26-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/065,911
FILING DATE: 17-NOV-1997
ATTORNEY/AGENT INFORMATION:
NAME: Doyle Leary, Ph.D., Kathryn
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 7600-1001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2391
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-026-033-11

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCGGCGGACATGTAT 4952
Db 16 GCCACCCACATGTAT 1

RESULT 603
US-09-696-791-3460/C
Sequence 3460, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tiltz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3460
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3460

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5047 TCTTGAATAGTCGAG 5062
Db 18 TCTTGAATAGTCGAG 3

RESULT 604
US-08-578-649-12
Sequence 12, Application US/08578649
Patent No. 5770366
GENERAL INFORMATION:
APPLICANT: Ulrich Bogdan
APPLICANT: Reinhard Butner
APPLICANT: Brigitte Kaluza
TITLE OF INVENTION: MELANOMA-INHIBITING PROTEIN
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felle & Lynch
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,649
FILING DATE: 29-July-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 43 24 247.2
FILING DATE: 20-July-1993
ATTORNEY/AGENT INFORMATION:
NAME: Andrew L. Tiajoleff
REGISTRATION NUMBER: 31,575
REFERENCE/DOCKET NUMBER: BOER 1035-PFF/ALT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-578-649-12

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3788 GGGGAGGGGCGCGGC 3803
Db 3 GGGGAGGGGCGCGGC 18

RESULT 605
US-08-850-993-6/C
Sequence 6, Application US/08850993
Patent No. 5955277
GENERAL INFORMATION:
APPLICANT: Hansen, Torben
APPLICANT: Andersen, Carsten
APPLICANT: Pedersen, Oluf B.
TITLE OF INVENTION: Mutant cDNA Encoding The p85alpha
FILE REFERENCE: 4802.200-US
CURRENT APPLICATION NUMBER: US/08/850,993
FILING DATE: 1997-05-05
EARLIER APPLICATION NUMBER: 0539/96

EARLIER FILING DATE: 1996-05-06
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-08-850-993-6

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1148 CACACTGCTCTGCAG 1163
DB 19 CAAACTGCTCTGCAG 4

RESULT 606
US-09-418-641-48
Sequence 48; Application US/09418641A
Patent No. 6124133
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-48

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 364 AGGAGTCAGTCAGTT 379
DB 1 AGGAGTCAGTCAGTT 16

RESULT 607
US-09-034-205-8
Sequence 8; Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205

FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-8

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAAGCCGCCCAAG 3357
DB 2 GACCAAGCCGCCCAAG 17

RESULT 608
US-08-934-097A-8
Sequence 8; Application US/08934097A
Patent No. 6210880
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-934-097A-8

Query Match. 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAGCGGCCCAAGG 3357
Db 2 GACCAGCGGCCCAAGG 17

RESULT 609
US-08-851-588-8
; Sequence 8, Application US/08851588
; Patent No. 6214545
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
; APPLICANT: Fors, Lance
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,588
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-851-588-8

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAGCGGCCCAAGG 3357
Db 2 GACCAGCGGCCCAAGG 17

RESULT 610
US-09-677-2188-8
; Sequence 8, Application US/096772188
; Patent No. 635437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance

Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/677,2188
; FILING DATE: 02-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/034,205
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: MacKnight, Kamrin T.
; REGISTRATION NUMBER: 38,230
; REFERENCE/DOCKET NUMBER: FORS-03268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-09-677-2188-8

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAGCGGCCCAAGG 3357
Db 2 GACCAGCGGCCCAAGG 17

RESULT 611
US-09-677-192-8
; Sequence 8, Application US/09677192
; Patent No. 6358691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
; OLIGONUCLEOTIDES
; FILE REFERENCE: FORS-04708
; CURRENT APPLICATION NUMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/034,205
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-677-192-8
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3342 GACCAGCCGCCCAAGG 3357
      |||||
Db       2 GACCAGCCGCCCAAGG 17

RESULT 612
US-09-702-251-51
; Sequence 51, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-51

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2296 CCTGGAGGCGCAAAAC 2311
      |||||
Db       1 CCTGGAGGCGCGACAC 16

RESULT 613
US-09-689-255C-37/C
; Sequence 37, Application US/09689255C
; Patent No. 6395544
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
; FILE REFERENCE: RTS-0171
; CURRENT APPLICATION NUMBER: US/09/689,255C
; CURRENT FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-689-255C-37

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3767 CACGTCATCATCTCT 3782
      |||||
Db       18 CCGGTCTCATCTCT 3

RESULT 614
US-09-689-255C-44/C
; Sequence 44, Application US/09689255C
```

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; Patent No. 6395544
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
; FILE REFERENCE: RTS-0171
; CURRENT APPLICATION NUMBER: US/09/689,255C
; CURRENT FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-689-255C-44

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3767 CACGTCATCATCTCT 3782
      |||||
Db       18 CCGGTCTCATCTCT 3

RESULT 615
US-09-702-327-36/C
; Sequence 36, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/702,327
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-36

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1406 CACCTTTGAGGTGAAG 1421
      |||||
Db       16 CACCTATGAGGTGAAG 1

RESULT 616
US-09-470-443-73/C
; Sequence 73, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fun-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
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NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-73

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 315 GGAAGTCTCGGAGC 330
DB 18 GGAAGTCTCTGAGC 3

RESULT 617
US-09-746-694-12
Sequence 12, Application US/09746694
Patent No. 6451538
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CHK2 EXPRESSION
FILE REFERENCE: RTS-0228
CURRENT APPLICATION NUMBER: US/09/746,694
CURRENT FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-746-694-12

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4958 CGTGCTGTAGAGAG 4973
DB 1 CGTGCTGTAGAGAG 16

RESULT 618
US-09-954-560-39/c
Sequence 39, Application US/09954560
Patent No. 6524854
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION
FILE REFERENCE: RTS-0192
CURRENT APPLICATION NUMBER: US/09/954,560
CURRENT FILING DATE: 2001-09-11
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-39

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3366 CTGGGGCCCTGACAGG 3381
CTGGGGCCCTGACAGG 3381

DB 16 CTGGGGCCCTGACAGG 1

RESULT 619
US-09-422-978-9824/c
Sequence 9824, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9824
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-7642 for SEQ 1959, in complem
US-09-422-978-9824

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4973 GTCTTGCTGTGCTC 4988
DB 17 GTTTTGTCTGCTC 2

RESULT 620
US-09-705-267A-176
Sequence 176, Application US/09705267A
Patent No. 6551826
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 176
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-176

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4209 GGGCTAGCTTCGTG 4224
DB 2 GGGCTAGCTTCGTG 17

RESULT 621
US-09-198-452A-4351

/ Sequence 4351, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 4351
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
/ US-09-198-452A-4351

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1620 AAGGATATGTTTGG 1635
Db 2 AAGGACTATGTTTGG 17

RESULT 622
US-09-144-428-41/C
/ Sequence 41, Application US/09144428
/ Patent No. 6583108
/ GENERAL INFORMATION:
/ APPLICANT: BAYER CORPORATION, The
/ APPLICANT: TAMBURINI, Paul P
/ APPLICANT: DAVIS, Gary
/ APPLICANT: DELARIA, Katherine A
/ APPLICANT: MARJOR, Christopher W
/ APPLICANT: MULLER, Daniel K
/ TITLE OF INVENTION: HUMAN BIKUNIN
/ NUMBER OF SEQUENCES: 71
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
/ STREET: 300 S. Wacker Drive Suite 3200
/ CITY: CHICAGO
/ STATE: ILLINOIS
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/144,428
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: WO PCT/US97/03894
/ FILING DATE: 10-MAR-1997
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/013,106
/ FILING DATE: 11-MAR-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/019,793
/ FILING DATE: 14-JUN-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/725,251
/ FILING DATE: 04-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: CHAO, Mark
/ REGISTRATION NUMBER: 37,293
/ REFERENCE/DOCKET NUMBER: 96,223-II
/ TELECOMMUNICATION INFORMATION:

/ TELEPHONE: (312) 913-0001
/ TELEFAX: (312) 913-0002
/ INFORMATION FOR SEQ ID NO: 41:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: not relevant
/ TOPOLOGY: unknown
/ MOLECULE TYPE: cDNA
/ US-09-144-428-41

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3479 GTCAGGCCCGCTGAC 3494
Db 18 GGCAAGGCCCGCTGAC 3

RESULT 623
US-09-402-618B-8
/ Sequence 8, Application US/09402618B
/ Patent No. 6709815
/ GENERAL INFORMATION:
/ APPLICANT: Dong, Fang
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Prudent, James
/ APPLICANT: Fors, Lance
/ APPLICANT: Neil, Bruce
/ APPLICANT: Brow, Mary Ann
/ APPLICANT: Anderson, Todd
/ APPLICANT: Dahlberg, James
/ TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
/ FILE REFERENCE: FORS-04012
/ CURRENT APPLICATION NUMBER: US/09/402,618B
/ CURRENT FILING DATE: 2000-07-18
/ PRIOR APPLICATION NUMBER: PCT/US98/03194
/ PRIOR FILING DATE: 1998-05-05
/ NUMBER OF SEQ ID NOS: 128
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 8
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-402-618B-8

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3342 GACCAAGCCGCCCAAG 3357
Db 2 GACCAAGCCGCCCAAG 17

RESULT 624
US-09-825-574-8
/ Sequence 8, Application US/09825574
/ Patent No. 6709819
/ GENERAL INFORMATION:
/ APPLICANT: Lyamichev, Victor I.
/ APPLICANT: Brow, Mary Ann D.
/ APPLICANT: Fors, Lance
/ APPLICANT: Neil, Bruce P.
/ TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
/ Structure Probing With Structure-Bridging
/ Oligonucleotides
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDLEN & CARROLL, LLP

STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-825-574-8
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3342 GACGAGCGGCCGCAAG 3357
DB 2 GACGAGCGGCCGCAAG 17
RESULT 625
US-09-676-768-8
Sequence 8, Application US/09676768
Patent No. 6780585
GENERAL INFORMATION:
APPLICANT: Dong, Fang
Lyantchev, Victor I.
Prudent, James R.
Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-676-768-8
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3342 GACGAGCGGCCGCAAG 3357
DB 2 GACGAGCGGCCGCAAG 17
RESULT 626
US-09-991-099B-2/C
Sequence 2, Application US/09991099B
Patent No. 6794147
GENERAL INFORMATION:
APPLICANT: Pollard, Jeffrey W
APPLICANT: Edelman, Winfried
APPLICANT: Cohen, Paula E
APPLICANT: Kneitz, Burkhard
APPLICANT: Stevis, Panos
APPLICANT: Kucherlapati, Raju S
TITLE OF INVENTION: MSH4 ABLATED MICE AND USES THEREFOR
FILE REFERENCE: AHN-010
CURRENT APPLICATION NUMBER: US/09/991,099B
CURRENT FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: 60/252,661
PRIOR FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primers
US-09-991-099B-2
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 9.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 556 CGAGAGAGCTGCTTTC 571
DB 16 CGAGAGAGCTGCTTTC 1
RESULT 627
US-08-356-405-6/C
Sequence 6, Application US/08356405
Patent No. 5807691
GENERAL INFORMATION:
APPLICANT: Amalaky, No. 5807691rdine
APPLICANT: Boschert, Ursula

APPLICANT: Hen, Rene
TITLE OF INVENTION: Piasasat, Jean-Luc
TITLE OF INVENTION: Polypeptides Having Serotonin Receptor
TITLE OF INVENTION: Activity (5HTSA), Nucleic Acids Coding for These
TITLE OF INVENTION: Polypeptides and Uses thereof
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3C43
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426-0107
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,405
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR93/00650
FILING DATE: 29-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/08081
FILING DATE: 01-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Julie K
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: EX92004-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: NO
US-08-356-405-6

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2378 GAGGAGGAGGAGGAG 2393
Db 16 GTGGAGGAGGAGGAG 1

RESULT 628
US-08-479-614-23/C
Sequence 23, Application US/08479614
Patent No. 5861294
GENERAL INFORMATION:
APPLICANT: Cowart, Marlon Daniel, Halbert, Donald N.,
APPLICANT: Kerwin, Jr., James F., McNally, Teresa
TITLE OF INVENTION: Adenosine Kinase Polypeptides
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: D-377 AP6D, 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch
COMPUTER: Macintosh

OPERATING SYSTEM: Macintosh System 7.1
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,614
FILING DATE: June 7, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5749.US.D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708) 937-4884
TELEFAX: (708) 938-2623
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-479-614-23

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2148 GAAAGAAACTCAGGC 2163
Db 16 GAAAGCAACTCAGGC 1

RESULT 629
US-08-656-906-8/C
Sequence 8, Application US/08656906
Patent No. 5972901
GENERAL INFORMATION:
APPLICANT: Petrol Jr., Thomas W.
APPLICANT: Davis, Pamela B.
APPLICANT: Ziady, Assem-Galal
TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
TITLE OF INVENTION: Mediated Gene Transfer
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medien & Carroll
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,906
FILING DATE: 03-JUN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 03-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/25809
FILING DATE: 23-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/216,534
FILING DATE: 23-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027

REFERENCE/DOCKET NUMBER: CASE-02280
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-656-906-8

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;
Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2526 GACCGAGTCTCTGGAAGTC 2545
Db 20 GACTGRTCATCTSGATGTC 1

RESULT 630
US-09-217-847-8/c
Sequence 8, Application US/09217847
Patent No. 6200801
GENERAL INFORMATION:
APPLICANT: Ferkol Jr., Thomas W.
APPLICANT: Davis, Pamela B.
APPLICANT: Ziady, Assem-Galal
TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
TITLE OF INVENTION: Mediated Gene Transfer
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medien & Carroll
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/217,847
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/656,906
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/25809
FILING DATE: 23-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/216,534
FILING DATE: 23-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: CASE-02280
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-217-847-8

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;
Matches 15; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2526 GACCGAGTCTCTGGAAGTC 2545
Db 20 GACTGRTCATCTSGATGTC 1

RESULT 631
US-09-563-269-24
Sequence 24, Application US/09563269
Patent No. 6555655
GENERAL INFORMATION:
APPLICANT: RUPAR, MARK J.
APPLICANT: DONOVAN, WILLIAM P.
APPLICANT: CHU, CHIH-REI
APPLICANT: PEASE, ELIZABETH
APPLICANT: TAN, YUPING
APPLICANT: SLANEY, ANNETTE C.
APPLICANT: BAUM, JAMES A.
APPLICANT: MALVAR, THOMAS M.
TITLE OF INVENTION: COLLEPTERAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT
TITLE OF INVENTION: RESISTANT TRANSGENIC PLANTS
FILE REFERENCE: MEC0164
CURRENT APPLICATION NUMBER: US/09/563,269
CURRENT FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-563-269-24

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1e+03; Mismatches 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2169 CAAACTATATGACCA 2184
Db 4 CAAAATATATGACCA 19

RESULT 632
US-09-657-472-768/c
Sequence 768, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 768
LENGTH: 21
TYPE: DNA

ORGANISM: Homo sapiens
US-09-657-472-768

Query Match
Best Local Similarity 83.3%; Score 14.4; DB 1; Length 21;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3966 CTCACGACTCTCAAGGC 3983
DB 21 CTCACGACTCTCAAGGC 4

RESULT 633
US-09-657-472-1028/c
Sequence 1028, Application US/09657472
Patent No. 6727063

GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, Stacey
APPLICANT: Daley, George O.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1028
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1028

Query Match
Best Local Similarity 83.3%; Score 14.4; DB 1; Length 21;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1724 CATCTTCATCGGACCTG 1741
DB 18 CATCTTCATCGGACCTG 1

RESULT 634
US-09-657-472-1547/c
Sequence 1547, Application US/09657472
Patent No. 6727063

GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, Stacey
APPLICANT: Daley, George O.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1547
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1547

Query Match
Best Local Similarity 83.3%; Score 14.4; DB 1; Length 21;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4319 CCAGCTCGCTCTTGATC 4336
DB 18 CCAGCTCGCTCTTGATC 1

RESULT 635
US-09-657-472-1606/c
Sequence 1606, Application US/09657472
Patent No. 6727063

GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, Stacey
APPLICANT: Daley, George O.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1606
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1606

Query Match
Best Local Similarity 83.3%; Score 14.4; DB 1; Length 21;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3485 GCCCAGTGACTGGGAA 3502
DB 19 GCCCAGTGACTGGGAA 2

RESULT 636
PCT-US91-03680-37
Sequence 37, Application PC/TUS9103680
GENERAL INFORMATION:

APPLICANT: Matencio, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSER: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ. ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-37

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 280 TTCTCTCTCTCTCT 295
DB 5 TTCTCTCTCTCTCTT 20

RESULT 637
PCT-US91-03680-38

Sequence 38, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ. ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 2..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
OTHER INFORMATION: /note= "5-methylcytosine"

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FEATURE:
NAME/KEY: modified_base
LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-38

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      280 TTCTCTCTCTCTCTCT 295
DB      5 TTCTCTCTCTCTCTTT 20

RESULT 638
PCT-US91-03680-39
Sequence 39, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matwecci, Mark D.
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 2.4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
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LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-39

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      280 TTCTCTCTCTCTCTCT 295
DB      5 TTCTCTCTCTCTCTTT 20

RESULT 639
US-08-117-952-389/c
Sequence 389, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
```

ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen B.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SRO ID NO: 389:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-389

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1556 GTCACAGAAATTTCTG 1571
Db 19 GTCACAGAGATTTCTG 4

RESULT 640
US-08-332-562A-43
Sequence 43, Application US/08332562A
Patent No. 5985599
GENERAL INFORMATION:
APPLICANT: MCKENZIE, Ian F.C.
APPLICANT: HOGARTH, Mark P.
APPLICANT: HIBBS, Margaret L.
APPLICANT: SCOTT, Bernadette M.
APPLICANT: BONADONNA, Lisa
APPLICANT: HULETT, Mark D.
TITLE OF INVENTION: PC RECEPTOR FOR IMMUNOGLOBULIN
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,562A
FILING DATE: 31-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/896,457
FILING DATE: 27-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 54270/119/GRHA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SRO ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-332-562A-43
Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1313 GACAGCCTGTGTCA 1328
Db 2 GACAGCCTGTGTCA 17

RESULT 641
US-08-332-562A-44/C
Sequence 44, Application US/08332562A
Patent No. 5985599
GENERAL INFORMATION:
APPLICANT: MCKENZIE, Ian F.C.
APPLICANT: HOGARTH, Mark P.
APPLICANT: HIBBS, Margaret L.
APPLICANT: SCOTT, Bernadette M.
APPLICANT: BONADONNA, Lisa
APPLICANT: HULETT, Mark D.
TITLE OF INVENTION: PC RECEPTOR FOR IMMUNOGLOBULIN
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,562A
FILING DATE: 31-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/896,457
FILING DATE: 27-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 54270/119/GRHA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SRO ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-332-562A-44

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1313 GACAGCCTGTGTCA 1328
Db 21 GACAGCCTGTGTCA 6

RESULT 642
US-08-469-260A-708
Sequence 708, Application US/08469260A
Patent No. 6451578
GENERAL INFORMATION:

```

APPLICANT: JOHN N. SIMONS
APPLICANT: TAMT J. PILOT-MATIAS
APPLICANT: GEORGE J. DAMSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUTJK
APPLICANT: ISA K. MUSHAMMAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,260A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/424,550
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FOREWESKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5537.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 708:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-469-260A-708

Query Match 0.3% Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1,le+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0.

QY 4 GGGCATGGCATCCAC 19
Db 3 GGGCATGGCATCCACC 18

RESULT 643
US-08-468-446-708
Sequence 708, Application US/08488446
Patent No. 6558898
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
APPLICANT: TAMT J. PILOT-MATIAS
APPLICANT: GEORGE J. DAMSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUTJK
APPLICANT: ISA K. MUSHAMMAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS

```

```

1      TITLE OF INVENTION:  REAGENTS AND METHODS FOR THEIR USE
2      NUMBER OF SEQUENCES:  716
3      CORRESPONDENCE ADDRESS:
4      ADDRESSEE:  ABBOTT LABORATORIES      D377/AP6D
5      STREET:  100 ABBOTT PARK ROAD
6      CITY:  ABBOTT PARK
7      STATE:  IL
8      COUNTRY:  USA
9      ZIP:  60064-3500
10     COMPUTER READABLE FORM:
11     MEDIUM TYPE:  floppy disk
12     COMPUTER:  IBM PC compatible
13     OPERATING SYSTEM:  PC-DOS/MS-DOS
14     SOFTWARE:  Patentin Release #1.0, Version #1.25
15     CURRENT APPLICATION DATA:
16     APPLICATION NUMBER:  US/08/488,446
17     FILING DATE:
18     CLASSIFICATION:
19     PRIOR APPLICATION DATA:
20     APPLICATION NUMBER:  US/08/424,550
21     FILING DATE:
22     ATTORNEY/AGENT INFORMATION:
23     NAME:  FOREMSKI, PRISCILLA E.
24     REGISTRATION NUMBER:  33,207
25     REFERENCE/DOCKET NUMBER:  5527.PC.01
26     TELECOMMUNICATION INFORMATION:
27     TELEPHONE:  708-937-6365
28     TELEFAX:  708-938-2623
29     INFORMATION FOR SEQ ID NO:  708:
30     SEQUENCE CHARACTERISTICS:
31     LENGTH:  22 base pairs
32     TYPE:  nucleic acid
33     STRANDEDNESS:  single
34     TOPOLOGY:  linear
35     MOLECULE TYPE:  DNA (genomic)
36     US-08-488-446-708
37
38     Query Match      0.3%;  Score 14.4;  DB 1;  Length 22;
39     Best Local Similarity  93.8%;  Pred. NO. 1.1e+03;
40     Matches  15;  Conservative  0;  Mismatches  1;  Indels  0;  Gaps  0;
41
42     Oy      4  GGGCATGGCATCCGAC  19
43             |||||
44             3  GGGCATGGCATCCCC  18
45
46 RESULT 644
47 US-08-467-344A-708
48 : Sequence 708, Application US/08467344A
49 : Patent No. 6586568
50 :
51 : GENERAL INFORMATION:
52 :
53 : APPLICANT:  JOHN N. SIMONS
54 :
55 :      TAMI J. PILOT-MATTIAS
56 :      GEORGE J. DAWSON
57 :      GEORGE G. SCHLAUDER
58 :      SURESH M. DESAI
59 :      THOMAS P. LEARY
60 :      ANTHONY SCOTT MUENHOFF
61 :      JAMES C. ERKER
62 :      SHERI L. BUIJK
63 :      ISA K. MUSHAWAR
64 :
65 : TITLE OF INVENTION:  NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
66 : REAGENTS AND METHODS FOR THEIR USE
67 :
68 : NUMBER OF SEQUENCES:  716
69 : CORRESPONDENCE ADDRESS:
70 : ADDRESSEE:  ABBOTT LABORATORIES      D377/AP6D
71 : STREET:  100 ABBOTT PARK ROAD
72 : CITY:  ABBOTT PARK
73 : STATE:  IL
74 : COUNTRY:  USA
75 : ZIP:  60064-3500
76 : COMPUTER READABLE FORM:
77 : MEDIUM TYPE:  floppy disk
78 :

```

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/467,344A
  FILING DATE: 07-Jun-1995
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/424,550
  FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
  NAME: FOREMSKI, PRISCILLA E.
  REGISTRATION NUMBER: 33,207
  REFERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 708-937-6365
  TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 708:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 22 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 708:
US-08-467-344A-708
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4 GGGCATGCGATCCAC 19
        |||||
DB      3 GGGCATGCGATCCCC 18
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```
RESULT 645
US-09-418-710-20/C
; Sequence 20, Application US/09418710
; Patent No. 6596482
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
; FILE REFERENCE: 06501-042001
; CURRENT APPLICATION NUMBER: US/09/418,710
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: JP 9/310027
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: JP 9/116570
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-09-418-710-20
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2805 GGAGAAATGAGAG 2820
        |||||
DB      21 GGAGAAATGAGAG 6
```

```
RESULT 646
US-08-424-550B-708
```

```
; Sequence 708, Application US/08424550B
; Patent No. 6720166
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMI J. PILOT-MATIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEHROFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BUIK
; APPLICANT: ISA K. MUSHAWAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,550B
; FILING DATE:
; CLASSIFICATION: 435435
; ATTORNEY/AGENT INFORMATION:
; NAME: FOREMSKI, PRISCILLA E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5527.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-937-6365
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 708:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-424-550B-708
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4 GGGCATGCGATCCAC 19
        |||||
DB      3 GGGCATGCGATCCCC 18
```

```
RESULT 647
US-09-839-479-20/C
; Sequence 20, Application US/09839479
; Patent No. 6727222
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
; FILE REFERENCE: 06501-042002
; CURRENT APPLICATION NUMBER: US/09/839,479
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 09/418,710
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: JP 9/310027
; PRIOR FILING DATE: 1997-10-24
```

PRIOR APPLICATION NUMBER: JP 9/116570
PRIOR FILING DATE: 1997-04-18
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated primer
US-09-839-479-20

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2805 GGAGAAATGAGAGAG 2820
DB 21 GGAGAAATGAGAGAG 6

RESULT 648
PCT-US91-03680-156
Sequence 156, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matczuk, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 156:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US91-03680-156

Query Match 0.3%; Score 14.4; DB 1; Length 25;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2806 GAGAAATGAGAGAGATGAGG 2829
DB 2 GAGAGAGAGAGAGAGAGAGAG 25

RESULT 649

US-08-004-552-2/c
Sequence 2, Application US/08004552
Patent No. 5482836
GENERAL INFORMATION:
APPLICANT: Cantor, Charles R.
APPLICANT: Ito, Takashi
APPLICANT: Smith, Cassandra L.
TITLE OF INVENTION: DNA PURIFICATION BY TRIPLEX-AFFINITY
TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Karen S. Smith
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: CA 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/004,552
FILING DATE: 19930114
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57666/KSS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..27
OTHER INFORMATION: /note= "BamTC oligonucleotide."

US-08-004-552-2

Query Match 0.3%; Score 14.4; DB 1; Length 27;
Best Local Similarity 75.0%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1593 GAAACGAGAGAGAGATCCTG 1616
DB 25 GAGAGAGAGAGAGAGATCCGG 2

RESULT 650
US-07-988-430-95/c
Sequence 95, Application US/07988430
Patent No. 5416202
GENERAL INFORMATION:
APPLICANT: Bernhard, Susan L.
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Lane, Julie A.
APPLICANT: Lei, Shau-Ping
TITLE OF INVENTION: Materials Comprising and Methods of
TITLE OF INVENTION: Preparation and Use for Ribosome-Inactivating Proteins
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
Bicknell
STREET: Two First National Plaza, 20 South Clark
Street

CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/988,430
FILING DATE: 19921209
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5416202and, Greta E.
REGISTRATION NUMBER: 35302
REFERENCE/DOCKET NUMBER: 31133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 346-5750
TELEFAX: (312) 984-9740
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-07-988-430-95
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2527 ACCGAGTCCTGTGAGTGC 2545
Db 19 ACTGATCATCTGATGATGC 1
RESULT 651
US-08-050-743-46
Sequence 46, Application US/08050743
Patent No. 5447839
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
APPLICANT: Resnick, Robert M.
APPLICANT: Ting, Yi
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,743
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8793
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-050-743-46
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4868 CAAAGCCTGTGCCAGGTTG 4886
Db 1 CAAATCCTGTGCCAGGTTAC 19
RESULT 652
US-08-127-954-19/c
Sequence 19, Application US/08127954
Patent No. 5451512
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
TITLE OF INVENTION: Methods and Reagents for HLA Class I A
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/127,954
FILING DATE:
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8873
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-127-954-19
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2728 TGAAGACCAAGTCCAGAC 2746
DB 19 TGAAGCCCCAGTCCAGAC 1

RESULT 653

US-08-474-542A-200
Sequence 200, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravit, Patci E.
APPLICANT: Greer, Catherine E.
APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
City: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Pety, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-542A-200

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4868 CAAGGCTGTGCGAGGTTTC 4886
DB 1 CAATCTGTGCGAGGTTTC 19

RESULT 654

US-08-425-336-92/c
Sequence 92, Application US/08425336
Patent No. 5621083
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studinka, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 140
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Garstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive
City: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/425,336
FILING DATE: 18-APR-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Thomas C.
REGISTRATION NUMBER: P-36,989
REFERENCE/DOCKET NUMBER: 31394
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-425-336-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTGTGAGATC 2545
DB 19 ACTGAGTATCTGAGATC 1

RESULT 655

US-08-425-336-95/c
Sequence 95, Application US/08425336
Patent No. 5621083
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studinka, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 140
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Garstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
City: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/425,336

FILING DATE: 18-APR-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Thomas C.
REGISTRATION NUMBER: P-36,989
REFERENCE/DOCKET NUMBER: 31394
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-425-336-95

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGCTCTGGAGTGC 2545

Db 19 ACTGATCATCTGGATGTC 1

RESULT 656
US-08-457-648-200
Sequence 200, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravit, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraum, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petty, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-200

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4868 CAAGCCTGTGCCAGTTC 4886

Db 1 CAATCTGTGCCAGTTC 19

RESULT 657
US-07-999-071-6
Sequence 6, Application US/07999071
Patent No. 5691196
GENERAL INFORMATION:
APPLICANT: Mak, Paul
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,071
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-999-071-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3305 CTTGTCCCTGACGACGAG 3323

Db 1 CTTGACCCCTGACGACGAG 19

RESULT 658
US-08-469-122-6
Sequence 6, Application US/08469122
Patent No. 5700650

GENERAL INFORMATION:
APPLICANT: Mak, Paul
TITLE OF INVENTION: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,122
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,071
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-469-122-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3305 CTTGTCCCTGACGACGAG 3323
DB 1 CTTGACCCCTGCCCTGCAG 19

RESULT 659
US-08-465-783-6
Sequence 6, Application US/08465783
Patent No. 5700682
GENERAL INFORMATION:
APPLICANT: Mak, Paul
TITLE OF INVENTION: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/465,783
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,071
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-465-783-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3305 CTTGTCCCTGACGACGAG 3323
DB 1 CTTGACCCCTGCCCTGCAG 19

RESULT 660
US-08-452-055-46
Sequence 46, Application US/08452055
Patent No. 5705627
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/452,055
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 9188
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-452-055-46

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4868 CAAGCCTGTGCGAGTTC 4886
DB 1 CAATCTGTGCGAGTAC 19

RESULT 661

US-08-469-120-6
Sequence 6, Application US/08469120
Patent No. 5714595
GENERAL INFORMATION:
APPLICANT: Mak, Paul
TITLE OF INVENTION: Karachanaas, Socielos K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,120
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,071
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-469-120-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3305 CTTGTCCCTGACGAGC 3323
DB 1 CTGACCCCTGCGCTGAG 19

RESULT 662

US-08-488-113B-92/C
Sequence 92, Application US/08488113B
Patent No. 5744580
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.

APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Heid & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,113B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/425,336
FILING DATE: 18-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-113B-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTGTGAGTTC 2545
DB 19 ACTGAGTCATCTGAGTTC 1

RESULT 663

US-08-477-484B-92/C
Sequence 92, Application US/08477484B
Patent No. 5756699
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESS:

ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,484B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/425,336
FILING DATE: 18-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION/DOCKET NUMBER: 32,918
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-484B-92
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2527 ACCGAGTCCTGTGAGTGC 2545
DB 19 ACTGAGTCATCTGTGATGTC 1
RESULT 664
US-08-472-788A-66/c
Sequence 66, Application US/08472788A
Patent No. 5770196
GENERAL INFORMATION:
APPLICANT: Studnicka, Gary M.
TITLE OF INVENTION: Modified Antibody Variable Domains
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein and Fox P.L.L.C.
STREET: 1100 New York Ave., N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,788A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/082,842
FILING DATE: 23-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Cimbalia, Michele A.
REGISTRATION/DOCKET NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 0610.1000003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/371-2600
TELEFAX: 202/371-2540
TELEX:
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-788A-66
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2527 ACCGAGTCCTGTGAGTGC 2545
DB 19 ACTGAGTCATCTGTGATGTC 1
RESULT 665
US-08-646-360-92/c
Sequence 92, Application US/08646360
Patent No. 5837491
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnicka, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,360
FILING DATE: 13-MAY-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05348
FILING DATE: 12-MAY-1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 200-70.P4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-646-360-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTCTGGAGTC 2545
DB 19 ACTGAGTCATCTGGATGTC 1

RESULT 666
US-08-082-842A-66/C
Sequence 66, Application US/08082842A
Patent No. 5869619
GENERAL INFORMATION:
APPLICANT: Studnicka, Gary M.
TITLE OF INVENTION: Modified Antibody Variable Domains
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Sterne, Kessler, Goldstein and Fox P.L.L.C.
STREET: 1100 New York Ave., N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/082,842A
FILING DATE: 23-JUN-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Cimbal, Michele A.
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 0610.1000002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/371-2600

TELEFAX: 202/371-2540
TELEX:
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-082-842A-66

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTCTGGAGTC 2545
DB 19 ACTGAGTCATCTGGATGTC 1

RESULT 667
US-08-677-734A-3
Sequence 3, Application US/08677734A
Patent No. 5871919
GENERAL INFORMATION:
APPLICANT: Brant, Steven R.
APPLICANT: Yun, Chris C.H.
APPLICANT: Donowitz, Mark
TITLE OF INVENTION: Tse, Chung-Ming
TITLE OF INVENTION: Cloning, Tissue Distribution, and
TITLE OF INVENTION: Functional Analysis Of The Human Na+/H+ Exchanger Isoform,
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/677,734A
FILING DATE: 10-JUL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Fordis, Jean B.
REGISTRATION NUMBER: 32,984
REFERENCE/DOCKET NUMBER: 05387.0043-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-677-734A-3

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1730 CATCGACCTCTGGAGTC 1748
DB 1 CATCTGAGCTCTGGAGTC 19

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RESULT 668
US-09-048-880-8/c
; Sequence 8, Application US/09048880
; Patent No. 5952202
; GENERAL INFORMATION:
; APPLICANT: Aoyagi et al.
; TITLE OF INVENTION: METHODS FOR EXOGENOUS, INTERNAL CONTROLS
; TITLE OF INVENTION: DURING NUCLEIC ACID AMPLIFICATION
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Perkin-Elmer Corporation
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City,
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,880
; FILING DATE: 26-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: To Be Assigned
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Scott R. Bortner
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4382
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 638-6245
; TELEFAX: (650) 638-6071
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-048-880-8

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9, 2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3640 GGAAGAACCCCGCCCTG 3658
| | | | | | | | | |
Db 19 GCAAGAACCGCCCTGCTG 1

RESULT 669
US-08-883-698-9
; Sequence 9, Application US/08883698
; Patent No. 5976800
; GENERAL INFORMATION:
; APPLICANT: Lau, Allan S.
; APPLICANT: Yeung, Michael C.
; TITLE OF INVENTION: ENHANCEMENT OF CANCER CELL DEATH
; FILE REFERENCE: UCAL-248/01US
; CURRENT APPLICATION NUMBER: US/08/883,698
; CURRENT FILING DATE: 1997-06-27
; EARLIER APPLICATION NUMBER: 60/020,849
; EARLIER FILING DATE: 1996-06-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-08-883-698-9

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Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1883 GAAGAGTGGCTGAGATC 1901
DB      1 GAAGAAATGGCTGTGATC 19

RESULT 670
US-08-883-698-10/c
; Sequence 10, Application US/08883698
; Patent No. 5976800
GENERAL INFORMATION:
APPLICANT: Lau, Allan S.
APPLICANT: Yeung, Michael C.
TITLE OF INVENTION: ENHANCEMENT OF CANCER CELL DEATH
FILE REFERENCE: UCAL-748/01US
CURRENT APPLICATION NUMBER: US/08/883.698
CURRENT FILING DATE: 1997-06-27
EARLIER APPLICATION NUMBER: 60/020,849
EARLIER FILING DATE: 1996-06-28
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-08-883-698-10

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1883 GAAGAGTGGCTGAGATC 1901
DB      19 GAAGAAATGGCTGTGATC 1

RESULT 671
US-08-839-765-92/c
; Sequence 92, Application US/08839765
; Patent No. 6146631
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroli, Stephen F.
APPLICANT: Studilka, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrew, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/839,765
FILING DATE: 15-APR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/425,336
FILING DATE: 18-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-839-765-92

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2527 ACCGAGTCTCTGGAGTCTC 2545
DB      19 ACTGAGTCATCTGGATGTC 1

RESULT 672
US-09-136-389-92/c
; Sequence 92, Application US/09136389
; Patent No. 6146850
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/136,389
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/646,360
; FILING DATE: 13-MAY-1996
; APPLICATION NUMBER: PCT/US94/05348
; FILING DATE: 12-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 200-70.P4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-136-389-92

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2527 ACCGAGTCTCTGGAGTCTC 2545
DB      19 ACTGAGTCATCTGGATGTC 1

RESULT 673
US-09-102-491-5/c
; Sequence 5, Application US/09102491
; Patent No. 6238876
; GENERAL INFORMATION:
; APPLICANT: Altaba, Ariel Ruizl
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 1049-1-008N
; CURRENT APPLICATION NUMBER: US/09/102,491
; CURRENT FILING DATE: 1998-06-22
; EARLIER APPLICATION NUMBER: 60/050,286
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-102-491-5

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1886 GGAGTGGCTGGAGATCCTC 1904
DB      19 GGAGTTTCTGGAGATCTTC 1

RESULT 674
US-09-300-672-16/c
; Sequence 16, Application US/09300672
; Patent No. 6248937
; GENERAL INFORMATION:
; APPLICANT: Finkelstein, Ruth R.
; APPLICANT: Lynch, Tim
; APPLICANT: Goodman, Howard M.
; APPLICANT: Wang, Ming-Li
```

```
/ TITLE OF INVENTION: A TRANSCRIPTION FACTOR REGULATING SEED DEVELOPMENT,
/ FILE REFERENCE: 480.89 (HV)
/ CURRENT APPLICATION NUMBER: US/09/300,672
/ CURRENT FILING DATE: 1998-04-27
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO: 16
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-300-672-16

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      274 CTCCTCTTCTCTCTCTCTC 292
Db      19 CTCACCTTCCCTCTTCTC 1

RESULT 675
US-09-338-907-435
/ Sequence 435, Application US/09338907
/ Patent No. 6265546
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Bouguetelret, Lydie
/ TITLE OF INVENTION: PROSTATE CANCER GENE
/ FILE REFERENCE: GENSET.18CPICP
/ CURRENT APPLICATION NUMBER: US/09/338,907
/ CURRENT FILING DATE: 1999-06-23
/ EARLIER APPLICATION NUMBER: 08/996,306
/ EARLIER FILING DATE: 1997-12-22
/ EARLIER APPLICATION NUMBER: 60/099,658
/ EARLIER FILING DATE: 1998-09-09
/ EARLIER APPLICATION NUMBER: 09/218,207
/ EARLIER FILING DATE: 1998-12-22
/ NUMBER OF SEQ ID NOS: 578
/ SOFTWARE: Patent.pm
/ SEQ ID NO 435
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..15
/ OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-338-907-435

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2145 AGTGAAAGAACTCAGGC 2133
Db      1 AGTTATAGAAATCAGGC 19

RESULT 676
US-09-218-207-435
/ Sequence 435, Application US/09218207
/ Patent No. 6346381
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Ilya, Chumakov
/ APPLICANT: Bouguetelret, Lydie
```

```
/ TITLE OF INVENTION: Prostate cancer gene
/ FILE REFERENCE: GENSET.018CPI
/ CURRENT APPLICATION NUMBER: US/09/218,207
/ CURRENT FILING DATE: 1998-12-22
/ EARLIER APPLICATION NUMBER: 08/996,306
/ EARLIER FILING DATE: 1997-12-22
/ EARLIER APPLICATION NUMBER: 60/099,658
/ EARLIER FILING DATE: 1998-09-09
/ NUMBER OF SEQ ID NOS: 578
/ SOFTWARE: Patent.pm
/ SEQ ID NO 435
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..15
/ OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-218-207-435

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2145 AGTGAAAGAACTCAGGC 2163
Db      1 AGTTATAGAAATCAGGC 19

RESULT 677
US-09-610-838-92/c
/ Sequence 92, Application US/09610838
/ Patent No. 6376217
/ GENERAL INFORMATION:
/ APPLICANT: Better, Marc D.
/ APPLICANT: Carroli, Stephen F.
/ APPLICANT: Studnika, Gary M.
/ TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
/ NUMBER OF SEQUENCES: 173
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: McAndrews, Held & Malloy, Ltd.
/ STREET: 500 West Madison Street, 34th floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60661
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/610,838
/ FILING DATE: 06-JUL-2000
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/136,389
/ FILING DATE: 18-AUG-1998
/ APPLICATION NUMBER: 08/646,360
/ FILING DATE: 13-MAY-1996
/ APPLICATION NUMBER: PCT/US94/05348
/ FILING DATE: 12-MAY-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/064,691
/ FILING DATE: 12-MAY-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/988,430
/ FILING DATE: 09-DEC-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/901,707
/ FILING DATE: 19-JUN-1992
/ PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 200-70.P4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-610-838-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCCTCTGGAAGTC 2545
DB 19 ACTGAGTCATCTGATGTC 1

RESULT 678
US-09-097-053-3
Sequence 3, Application US/0907053
Patent No. 6392025
GENERAL INFORMATION:
APPLICANT: Brant, Steven R.
APPLICANT: Yun, Chris C.H.
APPLICANT: Donowitz, Mark
APPLICANT: Tse, Chung-Ming
TITLE OF INVENTION: Cloning, Tissue Distribution, and
TITLE OF INVENTION: Functional Analysis Of The Human Na+/H+ Exchanger Isoform,
NUMBER OF INVENTION: NHE3.
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,053
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/677,734
FILING DATE: 10-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fordis, Jean B.
REGISTRATION NUMBER: 32,984
REFERENCE/DOCKET NUMBER: 05387.0043-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-097-053-3

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1730 CATCGACCTGGAACATG 1748
DB 1 CATCTGACCTGGAACACG 19

RESULT 679
US-09-422-978-7014/C
Sequence 7014, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7014
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,
US-09-422-978-7014

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 278 CTTCTCTCTCTCTCTT 296
DB 19 CTTCTGTCTCTCTTCTT 1

RESULT 680
US-09-422-978-8508/C
Sequence 8508, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8508
LENGTH: 19
TYPE: DNA

ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bld
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in compleme
US-09-422-978-8508

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1421 GGCAGAGCTCTGGGAGTT 1439
DB 19 GGCAGAGACTCATGGAGTT 1

RESULT 681
US-09-711-485-92/c
Sequence 92, Application US/09711485
Patent No. 6649742
GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnka, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
TITLE OF INVENTION: Proteins
NUMBER OF SEQUENCES: 169
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mcandrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th Floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/711,485
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/839,765
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-09-711-485-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCTCTGGAGTC 2545
DB 19 ACTGAGTATCTGGAGTTC 1

RESULT 682
US-09-672-717-190/c
Sequence 190, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Lacasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 190
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-190

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2167 ACCAAACTATATGAACAT 2185
DB 19 ATCTAAACCATATGAACAT 1

RESULT 683
US-09-672-717-215/c
Sequence 215, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Lacasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 215
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens
US-09-672-717-215

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1948 TCGCATCCACAGCTCTG 1966
Db 19 TCTCATCTCTACGCTCCG 1

RESULT 684
US-09-698-295-5
; Sequence 5, Application US/09698295
; Patent No. 6689584
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATORY FACTOR
; FILE REFERENCE: 06501-068001
; CURRENT APPLICATION NUMBER: US/09/698,295
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: PCT/JP99/02340
; PRIOR FILING DATE: 1999-04-30
; PRIOR APPLICATION NUMBER: JAPAN 10/137631
; PRIOR FILING DATE: 1998-04-30
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-698-295-5

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2915 CCTCATCATCATCAAGTCC 2933
Db 1 CCTCAGCTGCACACAGTCC 19

RESULT 685
US-09-544-398B-502
; Sequence 502, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Catullil, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 502
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-502

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 946 CAACGAGATCCCGGAGC 964
Db 1 CAACGAGATCCCTTAGC 19

RESULT 686
US-09-696-791-2170/c
; Sequence 2170, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2170
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
US-09-696-791-2170

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3466 CCAGACACAGAGTCAAG 3484
Db 19 CCAAGACACATAGTCAAG 1

RESULT 687
US-09-696-791-2790
; Sequence 2790, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2790
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin H ribozyme binding site
US-09-696-791-2790

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4133 ACTGACCTCTCCCGGA 4151
Db 1 ACTGACCTTCTCCAGCA 19

RESULT 688
US-09-696-791-3761
; Sequence 3761, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3761
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
US-09-696-791-3761

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FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3761
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3761

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2698 AGATTGAGTTTCACGTG 2716
DB 1 AGACTGAGTTGCTGAGGTG 19

RESULT 689
US-09-696-791-3836/c
Sequence 3836, Application US/09696791.
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tiltz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3836
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3836

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1593 GAAACAGAGAGAGAGA 1611
DB 19 GAAACAAAGAGAGAAATA 1

RESULT 690
US-09-696-791-3838/c
Sequence 3838, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tiltz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3838
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
```

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US-09-696-791-3838

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 GTGAAACAGAGAGAGA 1608
DB 19 GCGAATTCACGACGATTC 19

RESULT 691
US-09-601-326-53
Sequence 53, Application US/09601326
Patent No. 6773908
GENERAL INFORMATION:
APPLICANT: PAUL DR. PREM S
APPLICANT: ZHANG, YANTIN
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
FILE REFERENCE: 8199-0005-55XCIIP WO
CURRENT APPLICATION NUMBER: US/09/601,326
CURRENT FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: PCT/US99/02630
PRIOR FILING DATE: 1999-04-19
PRIOR APPLICATION NUMBER: US 09/019,793
PRIOR FILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: US 08/478,316
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/301,435
PRIOR FILING DATE: 1994-09-01
PRIOR APPLICATION NUMBER: US 08/131,625
PRIOR FILING DATE: 1993-10-05
PRIOR APPLICATION NUMBER: US 07/969,071
PRIOR FILING DATE: 1992-10-30
NUMBER OF SEQ ID NOS: 175
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 53
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-601-326-53

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5208 GCGAATGCACCCGACATTC 5226
DB 1 GCGAATTCACGACGATTC 19

RESULT 692
PCT-US92-09487-95/c
Sequence 95, Application PC/TUS9209487
GENERAL INFORMATION:
APPLICANT: Bernhard, Susan L.
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Lane, Julie A.
APPLICANT: Lei, Shau-Ping
TITLE OF INVENTION: Materials Comprising and Use for Ribosome-Inactivating Proteins
TITLE OF INVENTION: Preparation and Use for Ribosome-Inactivating Proteins
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray &
ADDRESSER: Bicknell
STREET: Two First National Plaza, 20 South Clark
CITY: Chicago
STATE: Illinois
```

COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/09487
FILING DATE: 19921104
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greta E.
REGISTRATION NUMBER: 35302
REFERENCE/DOCKET NUMBER: 31133
TELEPHONE: (312) 346-5750
TELEFAX: (312) 984-9740
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US92-09487-95

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 9.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2527 ACCGAGTCCTGTGAAGTC 2545
DB 19 ACTGAGTCATCTGATGTC 1

RESULT 693
US-07-696-793A-34/C
Sequence 34, Application US/07696793A
Patent No. 5220004
GENERAL INFORMATION:
APPLICANT: Saiki, Randall K.
APPLICANT: Nasaarabadi, Shanavaz L.
TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
TITLE OF INVENTION: Typing
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cetus Corporation
STREET: 1400 Fifty-third Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/696,793A
FILING DATE: 19910507
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Kevin R. Kaster
REGISTRATION NUMBER: 32704
REFERENCE/DOCKET NUMBER: 2598
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3444
TELEFAX: (415) 658-5239
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-07-696-793A-34

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2603 GAGTGACCAAGCCCTGTC 2621
DB 20 GAGTGGCAGTGCCTGTC 2

RESULT 694
US-07-977-694-34/C
Sequence 34, Application US/07977694
Patent No. 5273883
GENERAL INFORMATION:
APPLICANT: Saiki, Randall K.
APPLICANT: Nasaarabadi, Shanavaz L.
TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
TITLE OF INVENTION: Typing
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,694
FILING DATE: 19921117
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Stacey R. Sias, Ph.D.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8733
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-07-977-694-34

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2603 GAGTACACAGCCCTGTC 2621
|||||
DB 20 GAGTGCCAGTGCCCTGTC 2

RESULT 695
US-08-009-263C-16

Sequence 16, Application US/08009263C

Patent No. 5442049

GENERAL INFORMATION:

APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker

TITLE OF INVENTION: Oligonucleotides for Modulating the

TITLE OF INVENTION: Effects of Cytomegalovirus Infections

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Woodcock Washburn Kurtz

STREET: One Liberty Place -- 46th floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/009,263C

FILING DATE: January 25, 1993

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 927,506

FILING DATE: No. 5442049ember 19, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0844

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-009-263C-16

Query Match

Best local Similarity 0.3%; Score 14.2; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 ACACTTACAGATTCTGCC 682
|||||
DB 2 AGACTTACCGACTTCTGCC 20

RESULT 696
US-08-009-263C-81/C

Sequence 81, Application US/08009263C

Patent No. 5442049

GENERAL INFORMATION:

APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker

TITLE OF INVENTION: Oligonucleotides for Modulating the

TITLE OF INVENTION: Effects of Cytomegalovirus Infections

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Woodcock Washburn Kurtz

STREET: One Liberty Place -- 46th floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

STREET: One Liberty Place -- 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/009,263C

FILING DATE: January 25, 1993

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 927,506

FILING DATE: No. 5442049ember 19, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0844

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 81:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-009-263C-81

Query Match

Best local Similarity 0.3%; Score 14.2; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 ACACTTACAGATTCTGCC 682
|||||
DB 19 AGACTTACCGACTTCTGCC 1

RESULT 697
US-08-369-043-5/C

Sequence 5, Application US/08369043

Patent No. 5491064

GENERAL INFORMATION:

APPLICANT: Lichy, Jack H

APPLICANT: Howley, Peter M

TITLE OF INVENTION: HTS1-Gene, A Human Tumor Suppressor Gene

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Townsend and Townsend

STREET: 1 Market Plaza, Stewart Tower, Suite 2000

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/369,043

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/916,762

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 15280-65
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-369-043-5

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3926 GCGGCGCGCGCTGCCAGTC 3944
Db 19 GAGGTCCCGCTGCCAGTC 1

RESULT 698
US-08-222-177A-254/C
Sequence 254, Application US/08222177A
Patent No. 5582379
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n. (dc-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Demilt Ross & Stevens, S.C.
STREET: 8000 Excelstor Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 254:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mef71p1
US-08-222-177A-254

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2833 AGCTGGGTGAGTGTGG 2851
Db 19 AGCTGGATGTGATTGG 1

RESULT 699
US-07-927-506-16
Sequence 16, Application US/07927506
Patent No. 5591720
GENERAL INFORMATION:
APPLICANT: Anderson, Kevin P.
TITLE OF INVENTION: Oligonucleotides for Modulating
TITLE OF INVENTION: the Effects of Cytomegalovirus Infections
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 5591720ris
STREET: One Liberty Place -- 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/927,506
FILING DATE: 19921119
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane M.
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOHETICAL: NO
ANTI-SENSE: YES
US-07-927-506-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 664 ACACTTACAGAACTTGGC 682
Db 2 AGACTTACCACTTCTGCC 20

RESULT 700
US-08-178-660-8
Sequence 8, Application US/08178660
Patent No. 5627277
GENERAL INFORMATION:
APPLICANT: Cohen, Aharon S.
APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
NUMBER OF SEQUENCES: 8

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lappin & Kusmer
;; STREET: 200 State Street
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: U.S.A.
;; ZIP: 02109
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Releasee #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/178,660
;; FILING DATE:
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kerner, Ann-Louise
;; REGISTRATION NUMBER: 33,523
;; REFERENCE/DOCKET NUMBER: HYZ-012
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617/330-1300
;; TELEFAX: 617/330-1311
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHEICAL: NO
;; US-08-178-660-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 265 CCCCCCTCTCTCTTTCT 283
DB 2 CACCCATCTCTCTCTTCT 20

RESULT 701
US-08-290-936-14/c
; Sequence 14, Application US/08290936
; Patent No. 5656743
; GENERAL INFORMATION:
; APPLICANT: Busch et al.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION
; TITLE OF INVENTION: OF CELL GROWTH
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5656743is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/290,936
; FILING DATE: No. 5656743ember 18, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00754
; FILING DATE: January 27, 1993
; APPLICATION NUMBER: 07/841,660
; FILING DATE: February 19, 1992

;; ATTORNEY/AGENT INFORMATION:
;; NAME: John W. Caldwell and Rebecca L. Ralph
;; REGISTRATION NUMBER: 28,937 and 35,152
;; REFERENCE/DOCKET NUMBER: BAY-0032
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; US-08-290-936-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CTGTGAGCCCAAGAGTT 938
DB 20 CTGAGAGCCCAAGCGGT 2

RESULT 702
US-08-487-141B-74
; Sequence 74, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
; US-08-487-141B-74

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3711 GCTGATGCGCGGCGGCGC 3729

Db 1 GATGATGCGCGGCGGCGGCGC 19

RESULT 703

US-08-487-141B-75

Sequence 75; Application US/08487141B

Patent No. 5683987

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,141B

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hagan, Patrick J.

REGISTRATION NUMBER: 27,643

REFERENCE/DOCKET NUMBER: 63082C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044

INFORMATION FOR SEQ. ID NO: 75:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-487-141B-75

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3711 GCTGATGCGCGGCGGCGC 3729

Db 2 GATGATGCGCGGCGGCGGCGC 20

RESULT 704

US-08-089-996-37

Sequence 37; Application US/08089996

Patent No. 5703054

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of Protein

TITLE OF INVENTION: Kinase C

NUMBER OF SEQUENCES: 62

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz

ADDRESSEE: Mackiewicz & No. 5703054ris

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/089,996

FILING DATE: 19930709

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: ISIS-1154

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ. ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-089-996-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCAGAAAGCGACTG 3002

Db 1 GGCCCGAAGAGTACGAG 19

RESULT 705

US-08-727-003A-1

Sequence 1; Application US/08727003A

Patent No. 5804383

GENERAL INFORMATION:

APPLICANT: Gruenert, Dieter, C.

TITLE OF INVENTION: A METHOD AND ASSAY FOR

TITLE OF INVENTION: DETECTION OF THE EXPRESSION

TITLE OF INVENTION: OF ALLELE-SPECIFIC MUTATIONS

TITLE OF INVENTION: BY ALLELE-SPECIFIC IN SITU

TITLE OF INVENTION: REVERSE TRANSCRIPTASE

TITLE OF INVENTION: POLYMERASE CHAIN REACTION

NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESS:

ADDRESSEE: PETERS, VERNY, JONES & BIK A, L.L.P.

STREET: 385 Sherman Avenue

CITY: Palo Alto

STATE: California

COUNTRY: United States of America

ZIP: 94306-1840

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage

COMPUTER: PC

OPERATING SYSTEM: DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/727,003A

FILING DATE: October 8, 1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,254
FILING DATE: October 10, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Hana Verry
REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)324-1677
TELEFAX: (415)324-1678
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-727-003A-1
MOLECULE TYPE: synthetic oligonucleotide

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCCTGAACAGGA 367
DB 2 CAGAGTACCTGAACAGGA 20

RESULT 706

US-08-465-485A-28/C
Sequence 28, Application US/08465485A
Patent No. 5831066

GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Hwy., Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,485A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/124,256
FILING DATE: 20-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/288,692
FILING DATE: 22-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 436-2070
TELEFAX: (408) 436-2075

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA
ANTI-SENSE: YES
FEATURE:
NAME/KEY: Modified_base
LOCATION: 18..19
OTHER INFORMATION: Last two internucleoside linkages are
US-08-465-485A-28
phosphorothioates

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3919 CGAGCGCGCGCGCGCT 3937
DB 19 CGCTGCGCGCGCGCT 1

RESULT 707

US-08-651-692-13/C
Sequence 13, Application US/08651692
Patent No. 5856099

GENERAL INFORMATION:
APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
MEDIUM TYPE: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,692
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0144
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-651-692-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1235 CTCCCGGCGCTCCGTCA 1253
|||||

APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-889-296A-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCCGCGCAGCCCTGCGCAG 235
DB 19 GCCGCGCAGCCGCGAGCAG 1

RESULT 711
US-08-623-906A-39
Sequence 39, Application US/08623906A
Patent No. 5874217
GENERAL INFORMATION:
APPLICANT: Stevenson, Tamara
APPLICANT: Dvorak, Jan
TITLE OF INVENTION: Microsatellite Sequences for Canine
TITLE OF INVENTION: Genotyping
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,906A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-62282/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-623-906A-39

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2102 TCGAACCTCCTTAGGTTT 2120
DB 2 TCGAACCTCCTTAGGTTT 20

RESULT 712
US-08-927-561-74
Sequence 74, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-74

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3711 GCTGATCGCGCGAGGCGC 3729
DB 1 GATGATGCGCGCGATGCGC 19

RESULT 713
US-08-927-561-75
Sequence 75, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114

```

APPLICATION NUMBER: US/08/473,020A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/623,729
FILING DATE: 14-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Dreyer, Walter H
REGISTRATION NUMBER: 24190
REFERENCE/DOCKET NUMBER: A54435
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-473-020A-13

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY      605 TGCCAGCGAGTCATCTCC 623
      ||||| ||||| |||||
Db      2 TGCCACCGCGGCATCTCC 20

RESULT 715
US-08-875-154-22
; Sequence 22, Application US/08875154
; Patent No. 5882888
; GENERAL INFORMATION:
; APPLICANT: Jorgensen, Streen Trecels
; TITLE OF INVENTION: DNA Integration By Transporation
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: NO. 58828880 No. 5882888disk of No. 5882888th America, Inc.
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,154
; FILING DATE: 17-JUL-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4381,204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "LMN5067"
US-08-875-154-22

```

Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 118 CCAGACCGGTCTTCCAC 136
DB 1 CCAGACCTGTCAATCCAC 19

RESULT 716

US-08-478-178A-37

Sequence 37, Application US/08478178A

Patent No. 5882927

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of

TITLE OF INVENTION: Protein

NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/478,178A

FILING DATE: herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumont

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: ISIS-1154

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-478-178A-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACGAAACGACGTG 3002

DB 1 GGCCCGAAGACGTACGAC 19

RESULT 717

US-08-488-177-37

Sequence 37, Application US/08488177

Patent No. 5885970

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of

TITLE OF INVENTION: Protein Kinase C

NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz

ADDRESSEE: Mackiewicz & No. 58859701s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,177

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legard

REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1995

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-488-177-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACGAAACGACGTG 3002

DB 1 GGCCCGAAGACGTACGAC 19

RESULT 718

US-08-481-072A-37

Sequence 37, Application US/08481072A

Patent No. 5916807

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of

TITLE OF INVENTION: Protein

NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/481,072A

FILING DATE: herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumont
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-072A-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2984 GGCCAGAAACGAGCTG 3002
Db 1 GGCCAGAAACGTAGCAG 19

RESULT 719
US-08-664-336-37
Sequence 37, Application US/08664336
Patent No. 5922686
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5922686cis
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-664-336-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2984 GGCCAGAAACGAGCTG 3002
Db 1 GGCCAGAAACGTAGCAG 19

RESULT 720

US-08-910-367-2
Sequence 2, Application US/08910367
Patent No. 5948653
GENERAL INFORMATION:
APPLICANT: Paci, Sushma
TITLE OF INVENTION: Sequence Alterations Using Homologous
Patent No. 5948653
TITLE OF INVENTION: Recombination
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hobach Test Albritton & Herbert, LLP
STREET: Four Embarcadero Center, Ste. 3400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,367
FILING DATE: 13-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,173
FILING DATE: 21-MAR-1997

ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-64797/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-910-367-2

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCTGAAACAGCA 367
Db 2 CAGAGTACTGAAACAGCA 20

RESULT 721

US-08-481-066A-37
Sequence 37, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz

ADDRESSEE: Mackiewicz & No. 595909615
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-066A-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGGCCAGAAACGACGTG 3002
DB 1 GGGCCAGAAACGTAGCAG 19

RESULT 722
US-08-848-840A-20/c
Sequence 20, Application US/08848840A
Patent No. 5965722
GENERAL INFORMATION:
APPLICANT: Monla, et al.
TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722iris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/848,840A
FILING DATE: 30-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/794,493

FILING DATE: 04-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/335,046
FILING DATE: 07-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/488,256
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/465,866
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: 03-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,180
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2458
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-848-840A-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCGCGGCGAGCCGTGCGAG 235
DB 19 GCGCGGCGCGCGAGCGAG 1

RESULT 723
US-08-469-461-10
Sequence 10, Application US/08469461B
Patent No. 5981178
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommins, Johanna M.
APPLICANT: Kerem, Bat-Sheva
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
FILE REFERENCE: 3477-61, 033477/139840
CURRENT APPLICATION NUMBER: US/08/469,461B
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-08-469-461-10

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGGCGCTGAACAGCA 367
DB 2 CAGAGTACTGAAACAGCA 20

RESULT 724
US-07-890-609-10
; Sequence 10, Application US/07890609C
; Patent No. 6001588
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Rommings, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; FILE REFERENCE: Mutations at Various Positions of the Gene
; CURRENT APPLICATION NUMBER: US/07/890,609C
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-07-890-609-10

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCCTGAAACAGGA 367
DB 2 CAGAGTACTCTGAAACAGGA 20

RESULT 725
US-08-878-738-2
; Sequence 2, Application US/08878738
; Patent No. 6001816
; GENERAL INFORMATION:
; APPLICANT: Morsy, Manal A.
; APPLICANT: Gu, Ming Cheng
; APPLICANT: Zhao, Jing
; APPLICANT: Caekey, C Thomas
; TITLE OF INVENTION: GENE THERAPY FOR OBESITY
; FILE REFERENCE: 19738
; CURRENT APPLICATION NUMBER: US/08/878,738
; CURRENT FILING DATE: 1997-06-19
; EARLIER APPLICATION NUMBER: 60/020,812
; EARLIER FILING DATE: 1996-06-20
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-08-878-738-2

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4254 TTAGCACCAAGTGTGAGG 4272
DB 1 TCAGCACCCAGGCTGAGG 19

RESULT 726
US-08-487-799-2
; Sequence 2, Application US/08487799C
; Patent No. 6010908
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Dieter C.
; APPLICANT: Kunzelmann, Karl
; TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
; FILE REFERENCE: 480.18-1(HV)

; CURRENT APPLICATION NUMBER: US/08/487,799C
; CURRENT FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-08-487-799-2

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCCTGAAACAGGA 367
DB 2 CAGAGTACTCTGAAACAGGA 20

RESULT 727
US-08-578-615A-37
; Sequence 37, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-578-615A-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCAGCAAGACGAGCTG 3002
DB 1 GGCCCGAGAAAGCTAGAG 19

RESULT 728
US-09-366-257-32/C

; Sequence 32, Application US/09366257
; Patent No. 6030837
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION
; FILE REFERENCE: RTS-0073
; CURRENT APPLICATION NUMBER: US/09/366,257
; CURRENT FILING DATE: 1999-08-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-366-257-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 485 GGCCAGCCGAGGAGGCC 503
DB 19 GACCCAGCTGGAGGCC 1

RESULT 729
US-09-080-285-28/C

; Sequence 28, Application US/09080285
; Patent No. 6040181
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. Jefferson Davis Hwy., Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,285
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/465,485
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/124,256
; FILING DATE: 20-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/840,716
; FILING DATE: 21-FEB-1992

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/288,692
; FILING DATE: 22-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Portney, Andrew D.
; REGISTRATION NUMBER: 34,600
; REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (408) 436-2070
; TELEFAX: (408) 436-2075
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: Synthetic DNA
; ANTI-SENSE: YES
; FEATURE:
; NAME/KEY: Modified_base
; LOCATION: 18..19
; OTHER INFORMATION: Last two internucleoside linkages are
; OTHER INFORMATION: phosphorothioates
US-09-080-285-28

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3919 CGACGCCGCGCGCGCT 3937
DB 19 CGCTGCCGCGCGCGCT 1

RESULT 730
US-09-133-934-5
; Sequence 5, Application US/09133934
; Patent No. 6074853
; GENERAL INFORMATION:
; APPLICANT: Pati, Suehna
; TITLE OF INVENTION: Sequence Alterations Using Homologous Recombination
; PATENT NO. 6074853
; FILE REFERENCE: A64797-1
; CURRENT APPLICATION NUMBER: US/09/133,934
; CURRENT FILING DATE: 1998-08-14
; EARLIER APPLICATION NUMBER: US 60/041,173
; EARLIER FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-133-934-5

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAACAGCA 367
DB 2 CAGAGTACTGAACAGCA 20

RESULT 731
US-08-777-266A-33/C
; Sequence 33, Application US/08777266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/465,485
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/124,256
; FILING DATE: 20-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/840,716
; FILING DATE: 21-FEB-1992

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 731

US-08-777-266A-33/C
; Sequence 33, Application US/08777266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett

APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-777-266A-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1994 GCCTGACGACGACGACCG 2012
DB 19 GCCGAGTACAGACCG 1

RESULT 732
US-09-166-186-51
Sequence 51, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCTTCT 285
DB 2 CCCCTCTCTCTCTTCT 20

RESULT 733
US-09-166-186-195
Sequence 195, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 195
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-195

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2209 ACAGAGCTGAGTCCCTT 2227
DB 2 AGAAAAAGCTGAGACCTT 20

RESULT 734
US-08-961-469A-28/C
Sequence 28, Application US/08961469A
Patent No. 6081923
GENERAL INFORMATION:
APPLICANT: Greg Hardie, Richard Geary, Arthur Levin,
APPLICANT: Mike Tempin, Randy Howard, Rahul Mehta,
TITLE OF INVENTION: LIPIDOMAL OLIGONUCLEOTIDE COMPOSITIONS
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: PENTIUM WINDOWS 95
OPERATING SYSTEM: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,469A
FILING DATE: October 31, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 28:

FOR MO

SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-961-469A-28

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCCGCGCGCAGCCGTGGCAG 235
DB 19 GCCGCGCGCGCGCGAGCAG 1

RESULT 735

US-09-089-195-17
Sequence 17, Application US/09089195
Patent No. 6087489

GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION
TITLE OF INVENTION: OF HUMAN THYMIDYLATE SYNTHASE EXPRESSION
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/089,195
FILING DATE: herewith

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0309
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-09-089-195-17

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5008 GCCTGGCTGCCAGGAGGG 5026
DB 2 GCCTGGCGCGCGCGAGGG 20

RESULT 736

US-09-344-914-49/C
Sequence 49, Application US/09344914
Patent No. 6110664

GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION

FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 49
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-49

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2320 AAAAATCAAGCAGCAGCA 2338
DB 19 AATAAATAAACGACGACA 1

RESULT 737

US-09-344-914-51/C
Sequence 51, Application US/09344914
Patent No. 6110664

GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 51
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 AAAAATCAAGCAGCAGCA 2339
DB 20 AATAAATAAACGACGACG 2

RESULT 738

US-09-344-914-52/C
Sequence 52, Application US/09344914
Patent No. 6110664

GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 52
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-52

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2323 AATAAGCAGCAGCAGTA 2341

Db 19 AAATAAAACAGCAGCAGCA 1

RESULT 739
US-09-344-914-53/C
Sequence 53, Application US/09344914
Patent No. 6110664
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-53

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2323 AAATCAAGCAGCAGCAGTA 2341
Db 20 AAATAAAACAGCAGCAGCA 2

RESULT 740
US-09-128-494-20/C
Sequence 20, Application US/09128494
Patent No. 6117848
GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowser, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
OPERATING SYSTEM: IBM PS/2
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,494
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/889,296
FILING DATE:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-53

NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-128-494-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCCCGCGCAGCGGTGCGAG 235
Db 19 GCCCGCGCAGCGAGGCGAG 1

RESULT 741
US-09-358-685-25/C
Sequence 25, Application US/09358685
Patent No. 6121047
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-1 EXPRESSION
FILE REFERENCE: RTS-0081
CURRENT APPLICATION NUMBER: US/09/358,685
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-685-25

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 GCTGAACCATGCGACAT 541
Db 19 GGTGTACCATGCGCACAT 1

RESULT 742
US-09-358-384-22/C
Sequence 22, Application US/09358384
Patent No. 6130088
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRES
FILE REFERENCE: RTS-0083
CURRENT APPLICATION NUMBER: US/09/358,384
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-384-22

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2931 TCCTTGACAGCGAGCAT 2949
DB 19 TCCTGACAGCGAGCAT 1

RESULT 743

US-08-838-715B-16
; Sequence 16, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kiser, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-838-715B-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 ACACTTACGAGTTCTGCC 682
DB 2 AGACTTACGAGTTCTGCC 20

RESULT 744

US-08-838-715B-81/C
; Sequence 81, Application US/08838715B

; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kiser, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-838-715B-81

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 664 ACACTTACGAGTTCTGCC 682
DB 19 AGACTTACGAGTTCTGCC 1

RESULT 745

US-09-444-053-36
; Sequence 36, Application US/09444053A
; Patent No. 6155728
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-36

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 TCCATGAGTCTTCCACCA 744
DB 2 TCCCTCAGTCTTCCACGA 20

RESULT 746

US-09-435-296-47/C
Sequence 47, Application US/09435296
Patent No. 6171860
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-47

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 336 TTCCTTCCCTCACTGAGC 354
DB 19 TTACTGTCTCTCACTGAGC 1

RESULT 747

US-09-490-692-69/C
Sequence 69, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-69

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3139 GGCCAAAGACCCGGAAGAG 3157
DB 19 GGCCACAGATTTGAGAG 1

RESULT 748

US-09-288-586-2
Sequence 2, Application US/09288586
Patent No. 6200812
GENERAL INFORMATION:
APPLICANT: Paci, Sushma
APPLICANT: Zarling, David A.
TITLE OF INVENTION: Sequence Alterations Using Homologous
Patent No. 6200812

Recombination

NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hohbach Test Albritton & Herbert, LLP
STREET: Four Embarcadero Center, Ste. 3400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/288,586
FILING DATE: 08-Apr-1999

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/910,367
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M

REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-64797/RFT/RMS

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-288-586-2

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAAACGCA 367
DB 2 CAGAGTACTCTGAAACGCA 20

RESULT 749

US-09-313-932-51
Sequence 51, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 51
LENGTH: 20
TYPE: DNA

QY 3139 GGCCAAAGACCCGGAAGAG 3157
DB 19 GGCCACAGATTTGAGAG 1

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTCTCTCT 285
DB 2 CCACATCTCTCCCTCTCT 20

RESULT 750
US-09-313-932-195
Sequence 195, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 195
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-195

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2209 ACAAGAGCTGAGTCCCTT 2227
DB 2 AGAAAAAGCTGAGACCTT 20

RESULT 751
US-09-313-932-287/C
Sequence 287, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 287
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-287

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 CCACTGACAGCCTGTG 1325
DB 20 CCGAGTGACAGCCTGTAG 2

RESULT 752
US-09-313-932-374/C
Sequence 374, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 374
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-374

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCCTGAGCTCTCCAGA 122
DB 20 CTCTCCAGATGTTTCCAGA 2

RESULT 753
US-09-358-972-113
Sequence 113, Application US/09358972
Patent No. 6235480
GENERAL INFORMATION:
APPLICANT: Shultz, John W.
APPLICANT: Lewis, Martin K.
APPLICANT: Lieppe, Donna
APPLICANT: Mandrekar, Michelle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Wood, Keith W.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pto-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/358,972
CURRENT FILING DATE: 1999-07-22
EARLIER APPLICATION NUMBER: 09/252,436
EARLIER FILING DATE: 1999-02-18
EARLIER APPLICATION NUMBER: 09/042,287
EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: probe for human cystic fibrosis gene
US-09-358-972-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 84.2%; Pred. No. 1e+03; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCCCTGGAACAGCA 367
DB 2 CAGAGTACTGTGAACAGCA 20

RESULT 754

US-09-467-082-25

Sequence 25, Application US/09467082
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
FILE REFERENCE: RTS-0088
CURRENT APPLICATION NUMBER: US/09/467,082
CURRENT FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-082-25

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CACATCACCCGCTCCAG 554
DB 2 CAGATCACCCGCGCGAG 20

RESULT 755

US-08-875-847B-14

Sequence 14, Application US/08875847B
Patent No. 6255105
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America as represented by the Secretary, Department of Health and Human Services; Callahan, Robert; Marchetti, Antonio; Buttilita, Flamma; Smith, Gilbert H.
TITLE OF INVENTION: Nucleotide And Deduced Amino Acid Sequences Of A New Tumor Gene, Int6, And The Use Of Reagents Derived From These Sequences In Diagnostic Assays,
TITLE OF INVENTION: Vaccines, Immunotherapy And Gene Therapy
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS WORD 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,847B
FILING DATE: 09-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/385,998
FILING DATE: 09-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: William S. Feller
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4179PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-875-847B-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3810 AAGAGCCAGGAGGCCA 3828
DB 2 AAGAGCCAGGAGATCCTA 20

RESULT 756

US-09-657-481A-61/C

Sequence 61, Application US/09657481A
Patent No. 6258601
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WWP1 AND W
FILE REFERENCE: RTS-0087
CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1656 GCGTTCGCGAGCTCCTGC 1674
DB 19 GGCATCTGCGCAGCTTAGC 1

RESULT 757

US-09-118-408-9

Sequence 9, Application US/09118408A
Patent No. 6265544
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
FILE REFERENCE: 97-30
CURRENT APPLICATION NUMBER: US/09/118,408A
CURRENT FILING DATE: 1998-07-17
EARLIER APPLICATION NUMBER: 60/053,154
EARLIER FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 47
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

```
; OTHER INFORMATION: Oligonucleotide ZC13532
US-09-118-408-9
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGAGTGAAGTACAC 2510
Db      1 GAGAGGCTGAGAGACAC 19

RESULT 758
US-09-593-711A-18
; Sequence 18, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT FILING DATE: US/09/593,711A
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-18

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3924 CCGCGCGCCGCGCTGCCAG 3942
Db      1 CTGCTGCCGCGCGCTGCCAG 19

RESULT 759
US-09-593-711A-37/C
; Sequence 37, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT FILING DATE: US/09/593,711A
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-37

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3924 CCGCGCGCCGCGCTGCCAG 3942
Db      20 CCGCGCGCCGCGCGCGCG 2

RESULT 760
US-09-593-711A-59/C
; Sequence 59, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT FILING DATE: US/09/593,711A
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-59

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1881 GAGACGAGTGCCTGCAGA 1899
Db      20 GAGACGAGCGCGCTGCAGA 2

RESULT 761
US-09-593-711A-73
; Sequence 73, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT FILING DATE: US/09/593,711A
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-73

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1368 CCTGAGTCTCCGACCGGC 1386
Db      2 CCGAGTCTCAGCCCGGC 20

RESULT 762
US-08-958-316-13
; Sequence 13, Application US/08958316
; Patent No. 6291659
; GENERAL INFORMATION:
; APPLICANT: CAROSELLA, EDGARDO D
; APPLICANT: MOREAU, PHILIPPE
; APPLICANT: GLUCKMAN, ELIANE
; APPLICANT: KIRSZENBAUM, MARIE
; TITLE OF INVENTION: TRANSCRIPTS OF THE MHC CLASS I HLA-G
; TITLE OF INVENTION: GENE AND THEIR APPLICATIONS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBION, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
```

STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: USA
ZIP: 2202
COMPUTER READABLE FORM:
MEDIUM TYPE: Tape
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/958,316
FILING DATE: 27-OCT-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94 03179
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 0846-0437-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
US-08-958-316-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2609 CCACAGCCCTGCTTTGCC 2627
DB 1 CCACACCCCTGCTTTGAC 19

RESULT 763
US-09-721-822A-63/C
Sequence 63, Application US/09721822A
Patent No. 6306606
GENERAL INFORMATION:
APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex W. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
FILE REFERENCE: RTS-0142
CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-721-822A-63

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 TCTGGGATTCCTCAGAA 1448
DB 19 TCTAGGATACACAGAA 1

RESULT 764
US-09-326-186B-33/C
Sequence 33, Application US/09326186B
Patent No. 6319906
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0376
CURRENT APPLICATION NUMBER: US/09/326,186B
CURRENT FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 226
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-326-186B-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1994 GCCTGACACGAGAACCG 2012
DB 19 GCCCGAGTACAGAACCG 1

RESULT 765
US-09-572-423B-21
Sequence 21, Application US/09572423B
Patent No. 631399
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William A. Gaarde
APPLICANT: Edward Wanciewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0462
CURRENT APPLICATION NUMBER: US/09/572,423B
CURRENT FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-572-423B-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1657 GCTTCGCCAGCTCTGCA 1675
DB 2 GCTTCGACAGCTCCCGCA 20

RESULT 766
US-08-829-637A-37
Sequence 37, Application US/08829637A
Patent No. 6339066
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Phillip Dan Cook
APPLICANT: Nicholas Dean
APPLICANT: Glenn Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE

TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
TITLE OF INVENTION: WHICH MODULATE a1, a11, 'k, n, AND ISOFORMS OF
TITLE OF INVENTION: PROTEIN KINASE C
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28, 937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,637A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2984 GGCACAGAAAGGACGCTG 3002
DB 1 GGCACAGAAAGGACGCTG 19

RESULT 767
US-09-378-842-14
Sequence 14, Application US/09378842
Patent No. 6342392
GENERAL INFORMATION:
APPLICANT: The Government of the United
APPLICANT: States of America as represented by the
APPLICANT: Secretary, Department of Health and Human
APPLICANT: Services, Callahan, Robert; Marchetti,
APPLICANT: Antonio; Buttila, Flamma; Smith, Gilbert H.
TITLE OF INVENTION: Nucleotide And Deduced
TITLE OF INVENTION: Amino Acid Sequences Of A New Tumor Gene,
TITLE OF INVENTION: Int6, And The Use Of Reagents Derived From
TITLE OF INVENTION: These Sequences In Diagnostic Assays,
TITLE OF INVENTION: Vaccines, Immunotherapy And Gene Therapy
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS WORD 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,842
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/875,847
FILING DATE: 09-FEB-1996
APPLICATION NUMBER: 08/385,998
FILING DATE: 09-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: William S. Feiler
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4179PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-378-842-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3810 AAGACCAAGGACCCCA 3828
DB 2 AAGACCAAGGACATCTTA 20

RESULT 768
US-09-248-386-20/c

```
; Sequence 20, Application US/09248366
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P
; APPLICANT: Freiler, Susan M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; FILE REFERENCE: Alternating Oligonucleotides
; FILE REFERENCE: ISI63350
; CURRENT APPLICATION NUMBER: US/09/248,386
; EARLIER FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6359124e1 Sequence
US-09-248-386-20

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      217 GCCGGCGGACCCGTGGCAG 235
Db      19 GCCGGCGGCGGCGGAGCAG 1

RESULT 769
US-09-659-791A-64/c
; Sequence 64, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-64

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      746 GCTGACACGCTCATCAG 764
Db      20 GCTGACACGCTCATCAG 2

RESULT 770
US-09-383-316-12
; Sequence 12, Application US/09383316
; Patent No. 6391551
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lapepe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/09/383,316
; CURRENT FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: probe for human cystic fibrosis gene
US-09-383-316-12

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      349 CTGAGCGCCTGTAACAGA 367
Db      2 CAGAGTACCTGTAACAGA 20

RESULT 771
US-09-851-520-25
; Sequence 25, Application US/09851520
; Patent No. 6399379
; GENERAL INFORMATION:
```

```

; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0241
; CURRENT APPLICATION NUMBER: US/09/851,520
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-520-25

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4584 TTCGAGGAGGTGTAAGCAT 4602
Db      2 TTGGGAGTGTGTAAGGCAT 20

RESULT 772
US-09-844-634-102
; Sequence 102, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-102

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2331 CAGCAGCAGTACGACGACC 2349
Db      1 CAGCTGCACTTCGAGAGACC 19

RESULT 773
US-09-851-896-22/c
; Sequence 22, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

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US-09-851-896-22

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      36 CCGCAGAGAGACCTTCT 54
Db      20 CCGCAGAGAGATGCACTTCT 2

RESULT 774
US-09-254-465A-16
; Sequence 16, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/254,465A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-254-465A-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 775
US-09-724-426-28/c
; Sequence 28, Application US/09724426
; Patent No. 6414134
; GENERAL INFORMATION:
; APPLICANT: Reed, John
; TITLE OF INVENTION: Regulation of BCL-2 Gene Expression
; FILE REFERENCE: 10412-024
; CURRENT APPLICATION NUMBER: US/09/724,426
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-724-426-28
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Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3919 CGACGCCGCCGCCGCT 3937
DB 19 CGCTGCCGCCGCCGCT 1

RESULT 776

US-09-009-816-16/c
Sequence 16, Application US/09009816
Patent No. 6436667

GENERAL INFORMATION:

APPLICANT: German, Michael
APPLICANT: Permut, M. Alan
TITLE OF INVENTION: Inoue, Hiroshi
TITLE OF INVENTION: Human Nkx-6.1 Polypeptide-Encoding
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,816
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Francis, Carol L.
REGISTRATION NUMBER: 36,513
REFERENCE/DOCKET NUMBER: 9076/082CIP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEFAX: 650-327-3231
TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-816-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1531 ACAAGAAATCTGCAGCT 1549
DB 19 ACGAGAAATCAGCAGCT 1

RESULT 777

US-09-434-408-20
Sequence 20, Application US/09434408
Patent No. 6440697

GENERAL INFORMATION:

APPLICANT: Venezia, Domenick
APPLICANT: Grossmann, Angelika
TITLE OF INVENTION: RING FINGER PROTEIN ZAPO3
FILE REFERENCE: 98-41

CURRENT APPLICATION NUMBER: US/09/434,408
CURRENT FILING DATE: 1999-11-04
EARLIER APPLICATION NUMBER: US 60/108,258
EARLIER FILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC15254
US-09-434-408-20

Query Match

0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4140 CCTCTCCCGGACCTCTG 4158
DB 2 CCTCTCCTGACCTCTG 20

RESULT 778

US-09-705-299-64/c
Sequence 64, Application US/09705299
Patent No. 6440737

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
FILE REFERENCE: RTS-0174
CURRENT APPLICATION NUMBER: US/09/705,299
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-299-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2643 GTCACCTCCAGTTGTCT 2661
DB 20 GTCACCTCCAGTTGTCT 2

RESULT 779

US-09-780-175-50
Sequence 50, Application US/09780175
Patent No. 6440738

GENERAL INFORMATION:

APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
FILE REFERENCE: RTS-0164
CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-50

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 AGTGGCCATCTACAGCC 3016
DB 2 AGCTGCTCATCTTCAGTC 20

RESULT 780

US-09-791-211-33/c
; Sequence 33, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 345 CTCACGAGCGCCTGAAC 363
DB 20 CTCACGAGAGACCAAGAA 2

RESULT 781

US-09-506-855-9
; Sequence 9, Application US/09506855
; Patent No. 6448221
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Laesser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
; FILE REFERENCE: 99-12
; CURRENT APPLICATION NUMBER: US/09/506,855
; CURRENT FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PaetSEQ for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC1532
US-09-506-855-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2492 GACAGGATGAAGTACAC 2510
DB 1 GAGAGGGCTGAAGAACAC 19

RESULT 782

US-09-517-467B-178/c
; Sequence 178, Application US/09517467B

; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-178

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3427 AGAGTTTACCTCAAC 3445
DB 20 AGATGTTATACCTCAAC 2

RESULT 783

US-09-920-672-25/c
; Sequence 25, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-25

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1788 CTCCTCAAGGGCAGGAA 1806
DB 19 CTCCTCAAGGGGTTGAGGA 1

RESULT 784

US-09-920-672-26/c
; Sequence 26, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-26

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1788 CTCTCCAGGCGGCGGAA 1806
DB 20 CTCTCCAGGCGGCGGAA 2

RESULT 785
US-09-920-672-39/C

Sequence 39; Application US/09920672
Patent No. 6455308
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Preier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-39

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 224 CAGCCGCGGCGGCGTGT 242
DB 20 CAGCCGCGGCGGCGTGT 2

RESULT 786
US-09-920-672-89/C
Sequence 89; Application US/09920672
Patent No. 6455308
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Preier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 89
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-89

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1585 TCTTGGTGAACAGAGAA 1603
DB 20 TCTTGGTGAACAGAGAA 2

RESULT 787
US-09-657-453A-34/C

Sequence 34; Application US/09657453A
Patent No. 6458591
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 2 EXPRES
FILE REFERENCE: RTS-0136
CURRENT APPLICATION NUMBER: US/09/657,453A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-453A-34

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2183 CATCTCCGCTCTCTGACC 2201
DB 19 CTCTCTCTCTCTCTGACC 1

RESULT 788
US-09-531-000-20
Sequence 20; Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2805 GGAGAAATGAAAGAGAA 2823
DB 1 GGAGAAATGAAAGAGAA 19

RESULT 789
US-09-254-322-37
Sequence 37; Application US/09254322
Patent No. 6465439
GENERAL INFORMATION:
APPLICANT: Nicklin, Paul
APPLICANT: Phillips, Judith
APPLICANT: Love, William
APPLICANT: Hamilton, Karen
TITLE OF INVENTION: Pharmaceutical Compositions
FILE REFERENCE: 4-21026/MA.2138/PCT

```
; CURRENT APPLICATION NUMBER: US/09/254,322
; EARLIER FILING DATE: 1999-03-04
; EARLIER APPLICATION NUMBER: PCT/EP97/04796
; EARLIER FILING DATE: 1997-09-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-254-322-37

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2984 GGGCAGAGAAACGACGCTG 3002
DB      1 GGGCCAGAAACCTACGAG 19

RESULT 790
US-09-861-159-20
; Sequence 20, Application US/09661159
; Patent No. 6485974
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN2 EXPRESSION
; FILE REFERENCE: RTS-0243
; CURRENT APPLICATION NUMBER: US/09/861,159
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-861-159-20

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4190 GCTTGTGTTTTCAGGAAA 4208
DB      2 GATTCTGTTTCTCGAAA 20

RESULT 791
US-09-733-294A-21
; Sequence 21, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freiler
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-39

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1657 GCTTCGACGAGCTCGCA 1675
DB      2 GCTTCGACAGCTCCGCA 20

RESULT 792
US-09-733-294A-39
; Sequence 39, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freiler
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-39

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4 GGGCATGGCATCCACGCTG 22
DB      1 GGGCAGGGGCTCCACGCTG 19

RESULT 793
US-09-898-361-128/c
; Sequence 128, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyat
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-128

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCAT 1552
DB      1 GGGCAGGGGCTCCACGCTG 19
```

Db 19 AGAACATCTGCAGTCTCT 1

RESULT 794

US-09-641-652-11/c

/ Sequence 11, Application US/09641652

/ Patent No. 6514733

/ GENERAL INFORMATION:

/ APPLICANT: Mark Emrage

/ APPLICANT: Sharon Haynie

/ APPLICANT: Lisa Laffend

/ APPLICANT: Jeff Pucci

/ APPLICANT: Greg Whited

/ TITLE OF INVENTION: Improved Process for the Biological Production of 1,3-Propanediol

/ FILE REFERENCE: BC1020 US NA

/ CURRENT APPLICATION NUMBER: US/09/641.652

/ PRIOR FILING DATE: 2000-08-18

/ PRIOR FILING DATE: 1999-08-08

/ NUMBER OF SEQ ID NOS: 68

/ SOFTWARE: Microsoft Office 97

/ SEQ ID NO 11

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: primer

/ OTHER INFORMATION: primer

US-09-641-652-11

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3765 TTCAGTGTCTGCTCTG 3783

Db 20 TGCAGGTGCATCTCTG 2

RESULT 795

US-09-911-1768-9

/ Sequence 9, Application US/09911768

/ Patent No. 6518403

/ GENERAL INFORMATION:

/ APPLICANT: Shepard, Paul O.

/ TITLE OF INVENTION: ANTIBODIES THAT BIND AN

/ TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG

/ FILE REFERENCE: 97-30D1

/ CURRENT APPLICATION NUMBER: US/09/911.1768

/ PRIOR FILING DATE: 2001-07-23

/ PRIOR FILING DATE: 1998-07-17

/ PRIOR FILING DATE: 1997-07-18

/ NUMBER OF SEQ ID NOS: 52

/ SOFTWARE: PatsEQ for Windows Version 3.0

/ SEQ ID NO 9

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Oligonucleotide ZC13532

US-09-911-1768-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2492 GACAGGATGAGTACAC 2510

Db 1 GAGAGGGCTGAGAGACAC 19

RESULT 796
US-09-422-978-5639
/ Sequence 5639, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422.978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR FILING DATE: 1999-04-21
/ PRIOR FILING DATE: 1998-11-23
/ PRIOR FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5639
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: upstream amplification primer 99-5756 for SEQ 1705,
US-09-422-978-5639

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2812 ATGAGAGGAGTACGAGG 2830

Db 2 ATGAGAGGAGGAGGAGG 20

RESULT 797

US-09-422-978-7908/c

/ Sequence 7908, Application US/09422978

/ Patent No. 6537751

/ GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ APPLICANT: Blumenfeld, Marta

/ APPLICANT: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ FILE REFERENCE: GENSET.020CPI

/ CURRENT APPLICATION NUMBER: US/09/422.978

/ PRIOR FILING DATE: 1999-10-20

/ PRIOR FILING DATE: 1999-04-21

/ PRIOR FILING DATE: 1998-11-23

/ PRIOR FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796

/ SOFTWARE: PatsEQ for Windows Version 3.0

/ SEQ ID NO 7908

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer_bind

/ LOCATION: 1..20

/ OTHER INFORMATION: downstream amplification primer 99-12575 for SEQ 43, in compleme...

US-09-422-978-7908

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3318 CAGCAGCCAGCAGCTGA 3336

Db 20 CAGAGCCCATAGCCAGAG 2

RESULT 798

US-09-422-978-8384/c
; Sequence 8384, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marra
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET. 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8384
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-15098 for SEQ 519, in compleme
US-09-422-978-8384

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2128 GCCACTTGACTTCAGAGAG 2146
Db 20 GCCACCGTACTTCAGAGAG 2

RESULT 799
US-09-422-978-10419
; Sequence 10419, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marra
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET. 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10419
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11788 for SEQ 2554, in complem
US-09-422-978-10419

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1326 TCATCCATTGAGACAGG 1344
Db 2 TCAGCATTTAAGACAGG 20

RESULT 800

US-10-025-139-37
; Sequence 37, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Michael M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACAGAAACGACGTG 3002
Db 1 GGCCACAGAAACGTAGCAG 19

RESULT 801
US-08-894-454-21
; Sequence 21, Application US/08894454
; Patent No. 6544784
; GENERAL INFORMATION:
; APPLICANT: VAN DEN VEN, W.J.M.
; APPLICANT: SCHOENMAKERS, H.F.P.M.
; TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
; TITLE OF INVENTION: GENES
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSER: The Webb Law Firm
; STREET: 700 Koppers Building, 436 Seventh Avenue
; CITY: Pittsburgh
; STATE: PA
; COUNTRY: USA
; ZIP: 15219-1818
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,454
; FILING DATE: 15-AUG-1997
; CLASSIFICATION: 424

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP/00716
; FILING DATE: 19-FEB-1996
; APPLICATION NUMBER: 95200390.3
; FILING DATE: 17-FEB-1995
; APPLICATION NUMBER: 95201951.1
; FILING DATE: 14-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Barbara E
; REGISTRATION NUMBER: 31,198
; REFERENCE/DOCKET NUMBER: 702-971100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 412-471-8815
; TELEFAX: 412-471-4094
;
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-894-454-21
;
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      326 GCAGCTCAGCTTCTTCC 344
Db      1 GCAGCTCAGCTCTCTCC 19

RESULT 802
US-09-619-740-9
; Sequence 9, Application US/09619740
; PATENT NO. 6544946
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/09/619,740
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Oligonucleotide ZC13532
;
US-09-619-740-9
;
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGATGAGTACAC 2510
Db      1 GAGAGGCTGAGAGAACAC 19

RESULT 803
US-09-705-267A-62/c
; Sequence 62, Application US/09705267A
; Patent No. 6551826
```

```

; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-705-267A-62
;
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2803 AAGGAGAAATGAGAAG 2821
Db      19 AGGAGAGCTGAAGAAG 1

RESULT 804
US-09-705-267A-167/c
; Sequence 167, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-705-267A-167
;
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2738 GTCCAGACCAATTCTAC 2756
Db      19 GTCCAGACCAATCTAC 1

RESULT 805
US-09-198-452A-1329/c
; Sequence 1329, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment: thereof and uses thereof, in particular for the diagnosis, prev.
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1329
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

US-09-198-452A-1329

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4323 CTCGCTCTGTACTTGGG 4341

DB 19 CTCGATCTTGTAAGG 1

RESULT 806

US-09-198-452A-1354

Sequence 1354, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 1354

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-1354

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTTCTTCTT 300

DB 2 CCCTCTTCTTCTTCTT 20

RESULT 807

US-09-198-452A-3148/C

Sequence 3148, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3148

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-3148

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3687 ATCGTCTGACCAAGCCG 3705

DB 20 ATCGTCTGCTCAAGACC 2

RESULT 808

US-09-198-452A-4014

Sequence 4014, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4014

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4014

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4473 GTCGTGCTATGCTTT 4491

DB 1 GAGCTATGCTATGCTTT 19

RESULT 809

US-09-198-452A-4648

Sequence 4648, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4648

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4648

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 944 TTCAACGAGATCCCGA 962

DB 2 TTGAAGAGATCCCGA 20

RESULT 810

US-09-198-452A-6018/C

Sequence 6018, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 6018

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-6018

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	2645	CACTTCCAGTTTGCTCC	2663
Db	19	CACTTCTCATTTTCTCTCC	1

```

RESULT 811
US-09-198-452A-6232/c
: Sequence 6232, Application US/09198452A
: Patent No. 6559294
: GENERAL INFORMATION:
: APPLICANT: Glifals, R.
: TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 6232
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
: US-09-198-452A-6232

```

Query Match	0.3%	Score 14.2	DB 1	length 20
Best Local Similarity	84.2%	Pred. No. 1e+03		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0
QY	3041 AGGCACATTCAGGGGAG	3059		
Db	19 AGGTCACTTCGAGGGAG	1		

```

RESULT 812
US-09-198-452A-6317/c
: Sequence 6317, Application US/09198452A
: Patent No. 6559294
: GENERAL INFORMATION:
: APPLICANT: Grifflaig, R.
: TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 6317
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
: US-09-198-452A-6317

```

```

Query March 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2223 CCCTTTACATCACTACACC 2241
          ||| ||| ||| ||| |||
          ||| ||| ||| ||| |||

Db      19 CCCGTTATCATCATCACTACC 1

RESULT 813
US-09-198-452A-6458
; Sequence 6458, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffeas, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24

```

```

; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6458
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6458

```

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 1e+03		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0
Qy	2331	CAGCAGCATGCGCAGAC	2349	
Db	2	CAGCAGCAGAACGCAAGC	20	

```

RESULT 814
US-09-506-852-9
: Sequence 9, Application US/09506852
: Patent No. 6566499
: GENERAL INFORMATION:
: APPLICANT: Sheppard, Paul O.
: TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
: FILE REFERENCE: 97-30
: CURRENT APPLICATION NUMBER: US/09/506,852
: CURRENT FILING DATE: 2000-02-17
: EARLIER APPLICATION NUMBER: 60/053,154
: EARLIER FILING DATE: 1997-07-18
: NUMBER OF SEQ ID NOS: 44
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 9
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Oligonucleotide ZC13532
: US-09-506-852-9

```

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 1e+03		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0
Qy	2492	GACAGGATGAGTACAC	2510	
Db	1	GAGAGGGCTGAGAACAC	19	

RESULT 815
 US-09-081-385-57
 : Sequence 57, Application US/09081385
 : Patent No. 6593456
 : GENERAL INFORMATION:
 : APPLICANT: Gatanga, T.
 : APPLICANT: Granger, G.A.
 : TITLE OF INVENTION: Factors Altering Tumor Necrosis
 : TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
 : TITLE OF INVENTION: of Use Thereof
 : NUMBER OF SEQUENCES: 154
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: MORRISON & FOERSTER
 : STREET: 755 PAGE MILL ROAD
 : CITY: Palo Alto
 : STATE: CA
 : COUNTRY: USA
 : ZIP: 94304-1018
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Diskette
 : COMPUTER: IBM Compatible
 : OPERATING SYSTEM: Windows
 : SOFTWARE: Fastseq for Windows Version 2.0b
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/09/081,385
 : FILING DATE:
 :

```
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-494-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-081-385-57
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5122 TGGGTGATGCTTCTCCTTA 5140
Db      1 TGGGTGATGCTTCTTGGCGA 19
```

```
RESULT 816
US-09-780-045-23
Sequence 23, Application US/09780045
Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
FILE REFERENCE: RTS-0130
CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-23
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      494 GAGGAGCCCGCCCGCCACC 512
Db      2 GAGGAGACCCCGCCCGCCG 20
```

```
RESULT 817
US-09-112-580-51
Sequence 51, Application US/09112580
Patent No. 6610539
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiding
APPLICANT: DUGGUND, Dominique
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
TITLE OF INVENTION: MICROORGANISMS
FILE REFERENCE: 032396-016
CURRENT APPLICATION NUMBER: US/09/112,580
```

```
CURRENT FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: US 60/052,160
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 265
SOFTWARE: Patencin Ver. 2.0
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Escherichia coli
US-09-112-580-51
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5201 TGCAGAGGAGATGCACCC 5219
Db      2 TGTAGACGAGATGCAGCC 20
```

```
RESULT 818
US-10-027-983-88
Sequence 88, Application US/10027983
Patent No. 6617162
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-88
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1780 CCTGTTTCTCTCAAGG 1798
Db      2 CCTGTTCTCTCAAGAG 20
```

```
RESULT 819
US-10-139-842B-52/c
Sequence 52, Application US/10139842B
Patent No. 6620623
GENERAL INFORMATION:
APPLICANT: The University of Chicago
APPLICANT: Yershov, Gennadiy
APPLICANT: Alferov, Oleg
APPLICANT: Kuhlkin, Alexander
TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
FILE REFERENCE: ANL-IN-01-052
CURRENT APPLICATION NUMBER: US/10/139,842B
CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patencin version 3.2
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Completely Synthesized
US-10-139-842B-52
```

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTTCATC 1733
DB 19 CATCATCATCATCATCATCATC 1

RESULT 820
US-10-139-842B-74/c
; Sequence 74, Application US/10139842B
; Patent No. 6620623
; GENERAL INFORMATION:
; APPLICANT: The University of Chicago
; APPLICANT: Yershov, Gennadiy
; APPLICANT: Alferov, Oleg
; APPLICANT: Kukhtin, Alexander
; TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
; TITLE OF INVENTION: POSITIONING
; FILE REFERENCE: ANL-IN-01-052
; CURRENT APPLICATION NUMBER: US/10/139,842B
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Completely Synthesized
US-10-139-842B-74

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTTCATC 1733
DB 19 CATCATCATCATCATCATCATC 1

RESULT 821
US-09-202-684-2
; Sequence 2, Application US/09202684
; Patent No. 6630346
; GENERAL INFORMATION:
; APPLICANT: Morsy, Manal A.
; APPLICANT: Gu, Ming Cheng
; APPLICANT: Zhao, Jing
; APPLICANT: Caskey, C. Thomas
; APPLICANT: Kochanek, Stefan
; TITLE OF INVENTION: GENE THERAPY FOR OBESITY
; FILE REFERENCE: 19725Y
; CURRENT APPLICATION NUMBER: US/09/202,684
; CURRENT FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: US/08/878,737
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: 60/020,813 PV
; PRIOR FILING DATE: 1996-06-20
; PRIOR APPLICATION NUMBER: 60/026,753 PV2
; PRIOR FILING DATE: 1996-09-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-202-684-2

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4254 TTAGCACCAGTGCTGAGG 4272
DB 1 TCAGCACCAGGAGGCTGAGG 19

RESULT 822
US-09-033-936-1
; Sequence 1, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-1

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1740 TGGACATGGGTACGCC 1758
DB 1 TGGAGGTGATATACGCC 19

RESULT 823
US-09-907-794A-124
; Sequence 124, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.

```
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: US/09/907,794A
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 124
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-907-794A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCTTACTCAGTGCTA 19

RESULT 824
US-09-905-125A-124
/ Sequence 124, Application US/09905125A
/ Patent No. 6664376
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
```

```
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kijavlin, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT FILING DATE: 2001-07-12
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 124
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-125A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCTTACTCAGTGCTA 19
```

```
RESULT 825
US-09-495-714C-7
; Sequence 7, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-495-714C-7

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      279 TTTCTCTCTCTCTCTCTG 297
Db      1 TTTCTCTCTCTCTCTCTG 19

RESULT 826
US-09-495-714C-125/C
; Sequence 125, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-125

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4397 TGAGGCTGAGATAGAT 4415
Db      19 TGAGGCTGAGAAATAGCT 1

RESULT 827
US-09-495-714C-130
; Sequence 130, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-130

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Query Match          0.3%; Score 14.2; DB 1; Length 20;
```

```
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4293 AGACGGGCAACAACAGTC 4311
Db      2 AGATGGGGCAACAACAGTC 20

RESULT 828
US-09-495-714C-131/C
; Sequence 131, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-131

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4293 AGACGGGCAACAACAGTC 4311
Db      19 AGATGGGGCAACAACAGTC 1

RESULT 829
US-09-870-956-33/C
; Sequence 33, Application US/09870956
; Patent No. 6683169
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. 6683169el Compositions for the Expression of the Human Pepti
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Primer
US-09-870-956-33

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3921 ACGCCGCGCGCGCGCTGC 3939
Db      19 ACGCCCGCGCGCGCGCGC 1

RESULT 830
US-09-902-775A-124
; Sequence 124, Application US/09902775A
; Patent No. 6686451
```

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,775A
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe

US-09-902-775A-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2701 TTGAGTTCTCAGTGCTA 2719
DB 1 TTGCCTTACTCAGTGCTA 19
RESULT 831
US-09-967-669-76/c
Sequence 76, Application US/09967669
Patent No. 6692960
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
FILE REFERENCE: RTS-0259
CURRENT APPLICATION NUMBER: US/09/967,669
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-76
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 669 TACAGATTCTGCCAATG 687
DB 20 TACAGTTTCTGCCAATG 2
RESULT 832
US-09-906-700-124
Sequence 124, Application US/09906700
Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14

```
/ CURRENT APPLICATION NUMBER: US/09/906,700
/ CURRENT FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 124
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-700-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCGTACTCAGTGCTA 19

RESULT 833
US-09-758-881-132
/ Sequence 132, Application US/09758881
/ Patent No. 6727064
/ GENERAL INFORMATION:
/ APPLICANT: Karas, James G
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
/ TITLE OF INVENTION: Expression
/ FILE REFERENCE: ISPH-0532
/ CURRENT APPLICATION NUMBER: US/09/758,881
/ PRIOR FILING DATE: 2001-01-11
/ PRIOR APPLICATION NUMBER: PCT/US00/09054
/ PRIOR FILING DATE: 2000-04-06
/ PRIOR APPLICATION NUMBER: 09/288,461
/ PRIOR FILING DATE: 1999-04-08
/ NUMBER OF SEQ ID NOS: 152
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 132
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-132

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5027 TGGGCGCTTGTGTTCCAGG 5045
Db      2 TTGCGCAGCTTGATCCAGG 20

RESULT 834
US-09-790-417-113
/ Sequence 113, Application US/09790417
/ Patent No. 6730479
/ GENERAL INFORMATION:
/ APPLICANT: Shultz, John W
/ APPLICANT: Lewis, Martin K.
/ APPLICANT: Lipppe, Donna
/ APPLICANT: Mandrekar, Michelle
/ APPLICANT: Kephart, Daniel B.
/ APPLICANT: Rhodes, Richard B.
/ APPLICANT: Andrews, Christine A.
/ APPLICANT: Hartnett, James R.
/ APPLICANT: Gu, Trent
/ APPLICANT: Olson, Ryan J.
/ APPLICANT: Wood, Keith W.
/ APPLICANT: Welch, Roy
/ TITLE OF INVENTION: Nucleic Acid Detection
/ FILE REFERENCE: Pro-103 6868/75528
/ CURRENT APPLICATION NUMBER: US/09/790,417
/ PRIOR FILING DATE: 2001-02-22
/ PRIOR APPLICATION NUMBER: 09/358,972
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: 09/042,287
/ PRIOR FILING DATE: 1998-03-13
/ NUMBER OF SEQ ID NOS: 290
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 113
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: probe for human cystic fibrosis gene
US-09-790-417-113

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      349 CTGAGCGCCTGAACAGCA 367
Db      2 CAGAGTACTCTGAACAGCA 20

RESULT 835
US-09-529-239D-62/C
/ Sequence 62, Application US/09529239D
/ Patent No. 6734019
/ GENERAL INFORMATION:
/ APPLICANT: Douthiaux, Marie-Pascale
/ APPLICANT: Betzner, Andreas
/ APPLICANT: Preysinet, Georges
/ APPLICANT: Perez, Pascal
/ TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
/ FILE REFERENCE: A33153-PCT-USA 072667.0128
/ CURRENT APPLICATION NUMBER: US/09/529,239D
/ PRIOR FILING DATE: 2000-10-27
```

```
/ PRIOR APPLICATION NUMBER: PCT/EP96/06977
/ PRIOR FILING DATE: 1998-10-09
/ NUMBER OF SEQ ID NOS: 100
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 62
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Forward primer for PCR amplification of AthB102
US-09-529-239D-62

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1329 TCCTTGAAGACAGAGCTCA 1347
DB      19  TCCTGGAAGAGAGAGCTCA 1

RESULT 836
US-09-858-152B-14
/ Sequence 14, Application US/09858152B
/ Patent No. 6737251
/ GENERAL INFORMATION:
/ APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
/ APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
/ APPLICANT: HUMAN SERVICES
/ APPLICANT: Marchetti, Antonio
/ APPLICANT: Butticci, Flamma
/ APPLICANT: Smith, Gilbert H.
/ APPLICANT: Callahan, Robert
/ TITLE OF INVENTION: NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES OF TUMOR GENE INT6
/ FILE REFERENCE: 4239-59122
/ CURRENT APPLICATION NUMBER: US/09/858,152B
/ PRIOR FILING DATE: 2001-05-14
/ PRIOR APPLICATION NUMBER: 09/858,152
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer
US-09-858-152B-14

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3810 AAGAGCCAAAGGAGAGCCCA 3828
DB      2  AAGAGCAAGAGGAGATCTCA 20

RESULT 837
US-09-574-779B-26
/ Sequence 26, Application US/09574779B
/ Patent No. 6767720
/ GENERAL INFORMATION:
/ APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
/ TITLE OF INVENTION: NO. 6767720e1 cDNAs encoding catenin-binding proteins with
/ FILE REFERENCE: 2676-4415US
/ CURRENT APPLICATION NUMBER: US/09/574,779B
/ PRIOR FILING DATE: 2000-05-19
/ PRIOR APPLICATION NUMBER: 99201543.8
/ NUMBER OF SEQ ID NOS: 158
```

```
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer FVR464R
US-09-574-779B-26

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2826 GAGGGGAGAGCTGTGTGTGA 2844
DB      2  GAGGGGAGAGCTGTGTGTGA 20

RESULT 838
US-09-574-779B-39/c
/ Sequence 39, Application US/09574779B
/ Patent No. 6767720
/ GENERAL INFORMATION:
/ APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
/ TITLE OF INVENTION: NO. 6767720e1 cDNAs encoding catenin-binding proteins with
/ FILE REFERENCE: 2676-4415US
/ CURRENT APPLICATION NUMBER: US/09/574,779B
/ PRIOR FILING DATE: 2000-05-19
/ PRIOR APPLICATION NUMBER: 99201543.8
/ NUMBER OF SEQ ID NOS: 158
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 39
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer FVR519F
US-09-574-779B-39

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2766 TTTGTCAAGAGTCAGGAA 2804
DB      19  TTTGGCAAGAGTCAGGCA 1

RESULT 839
US-09-917-963-29
/ Sequence 29, Application US/09917963
/ Patent No. 6767739
/ GENERAL INFORMATION:
/ APPLICANT: Rosanne M. Crooke
/ APPLICANT: Mark J. Graham
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
/ FILE REFERENCE: ISPH-0591
/ CURRENT APPLICATION NUMBER: US/09/917,963
/ PRIOR FILING DATE: 2001-07-30
/ NUMBER OF SEQ ID NOS: 137
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense oligonucleotide
US-09-917-963-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
```


Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 248 GGTGAGCGCCAGGCCCC 266
Db 2 GGTGAGCGCCAGGCTCC 20

RESULT 840

US-09-903-603A-124
Sequence 124, Application US/09903603A
Patent No. 6767995
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aebkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Linc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlesen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCES: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903, 603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146, 222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-903-603A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 841
US-09-575-554-20/C
Sequence 20, Application US/09575554
Patent No. 6764290
GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSER: Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/575,554
FILING DATE: 22-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 06/411,734
FILING DATE: April 3, 1995
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 06/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20
US-09-575-554-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 217 GCCGCGCGCAGCCCTTGCCAG 235
Db 19 GCCGCGCGCGCGGAGGAGCAG 1

RESULT 842

US-09-622-583-14
; Sequence 14, Application US/09622583
; Patent No. 6730638
; GENERAL INFORMATION:
; APPLICANT: CAROSELLA, Edgardo Delfino
; APPLICANT: DAUSSET, Jean
; APPLICANT: MOREAU, Philippe
; APPLICANT: PAUL, Pascale
; APPLICANT: ROUS-FREISS, Nathalie
; TITLE OF INVENTION: METHOD FOR SELECTING TUMORS EXPRESSING HLA-G, SENSITIVE TO ANTICA
; TITLE OF INVENTION: TREATMENT AND USES
; FILE REFERENCE: 195707USOECT
; CURRENT APPLICATION NUMBER: US/09/622,583
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: PCT/FR99/00386
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: FR 98 02071
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: FR 98 09470
; PRIOR FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-622-583-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2609 CCACAGCCCTGCTTGCC 2627
Db 1 CCACAGCCCTGCTTGAC 19

RESULT 843

US-09-622-583-17
; Sequence 17, Application US/09622583
; Patent No. 6730638
; GENERAL INFORMATION:
; APPLICANT: CAROSELLA, Edgardo Delfino
; APPLICANT: DAUSSET, Jean
; APPLICANT: MOREAU, Philippe
; APPLICANT: PAUL, Pascale
; APPLICANT: ROUS-FREISS, Nathalie
; TITLE OF INVENTION: METHOD FOR SELECTING TUMORS EXPRESSING HLA-G, SENSITIVE TO ANTICA
; TITLE OF INVENTION: TREATMENT AND USES
; FILE REFERENCE: 195707USOECT
; CURRENT APPLICATION NUMBER: US/09/622,583
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: PCT/FR99/00386
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: FR 98 02071
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: FR 98 09470
; PRIOR FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin version 3.1

; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-622-583-17

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2609 CCACAGCCCTGCTTGCC 2627
Db 1 CCACAGCCCTGCTTGAC 19

RESULT 844

US-10-006-611-21/c
; Sequence 21, Application US/10006611
; Patent No. 6791006
; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun-ichi
; APPLICANT: Ose, Asuka
; APPLICANT: Ushige, Kou-ichi
; APPLICANT: Jenne, Dieter E.
; TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS
; FILE REFERENCE: 06501-094001
; CURRENT APPLICATION NUMBER: US/10/006,611
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: PCT/JP00/03504
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: JP 11/153030
; PRIOR FILING DATE: 1999-05-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-006-611-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4826 TCTCCAGTGAGAGATCTG 4844
Db 20 TCTCCCTTGAGAGCTCTG 2

RESULT 845

PCT-US91-05815-16
; Sequence 16, Application PC/TUS9105815
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: Oligonucleotides for Modulating
; TITLE OF INVENTION: the Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESS: Norris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE

COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05815
FILING DATE: 19910814
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane M.
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US91-05815-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 664 ACACTTACGAGATTCTGCC 682
Db 2 AGACTTACGAGCTTCTGCC 20

RESULT 846
PCT-US93-02213-37
Sequence 37, Application PC/TUS9302213
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESS: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02213
FILING DATE: 19930225
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0872
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID

STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
PCT-US93-02213-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2984 GGCACAGAAACGACGCTG 3002
Db 1 GGCCCGAGAAACGTAGCAG 19

RESULT 847
PCT-US93-03868-7
Sequence 7, Application PC/TUS9303868
GENERAL INFORMATION:
APPLICANT: Zarling, David A.
TITLE OF INVENTION: In Vivo Homologous Sequence
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/03868
FILING DATE: 19930423
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/939,767
FILING DATE: 02-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/873,438
FILING DATE: 04-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 0287A-24-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
PCT-US93-03868-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCTGAACGAGA 367
Db 2 CAGAGTACTGAACGAGA 20

RESULT 848
PCT-US93-07917-1
Sequence 1, Application PC/TUS9307917

GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter C.
APPLICANT: Kunzelmann, Karl
TITLE OF INVENTION: COMPOSITION AND METHOD FOR
TITLE OF INVENTION: ALTERING DNA SEQUENCES BY
TITLE OF INVENTION: HOMOLOGOUS RECOMBINATION
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISHER & ASSOCIATES
STREET: 1320 Harbor Bay Parkway, Suite 225
CITY: Alameda
STATE: California
COUNTRY: USA
ZIP: 94502
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07917
FILING DATE: 19930820
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/933,471
FILING DATE: 21-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Stanley P.
REGISTRATION NUMBER: 24,344
REFERENCE/DOCKET NUMBER: 92-070-1PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-748-6868
TELEFAX: 510-748-6868
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-07917-1

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAACAGCA 367
DB 2 CAGAGTACTGAAACAGCA 20

RESULT 849
PCT-US94-07770-37
Sequence 37, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norits
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-07770-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GGCCACAGAAAGCAGCTG 3002
DB 1 GGCCCCAGAAAGCTAGCAG 19

RESULT 850
PCT-US95-00163-8
Sequence 8, Application PC/TUS9500163
GENERAL INFORMATION:
APPLICANT: Cohen, Aharon S.
APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00163
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY2-012PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/330-1300
TELEFAX: 617/330-1311
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
PCT-US95-00163-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 265 CCCCCCTCTCTCTTCT 283
Db 2 CACCCATCTCTCTCTTCT 20

RESULT 851
PCT-US96-09388-74
; Sequence 74; Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-09388-74

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3711 GGTGATCGCGCGAGGCGC 3729
Db 1 GATGATGCGCGCGATGCGC 19

RESULT 852
PCT-US96-09388-75
; Sequence 75; Application PC/TUS9609388

GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-09388-75

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3711 GGTGATCGCGCGAGGCGC 3729
Db 2 GATGATGCGCGCGATGCGC 20

RESULT 853
US-09-657-472-2066
; Sequence 2066; Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George O.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US 09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2066
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-2066

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 3049 TCCAGGGGAGATCAAGCTGC 3069
DB 1 TCCAGGGGATGATGAGATGC 21

RESULT 854
US-09-596-248D-44/C
Sequence 44, Application US/09596248D
Patent No. 6599727
GENERAL INFORMATION:
APPLICANT: Christenson, Erik
APPLICANT: Demaggio, Anthony J
APPLICANT: Goldman, Phyllis S
APPLICANT: McElligott, David L
TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and
FILE REFERENCE: 27866/36544
CURRENT APPLICATION NUMBER: US/09/596,248D
CURRENT FILING DATE: 2000-06-16
PRIOR APPLICATION NUMBER: 60/139,543
PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-596-248D-44

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 461 GGTGGGTCTCTGGGGTGC 479
DB 21 GTGCTGTCTCAGGGGTGC 3

RESULT 855
US-07-994-423-4
Sequence 4, Application US/07994423
Patent No. 5432080
GENERAL INFORMATION:
APPLICANT: HAMMOND, Geoffrey L.
APPLICANT: AYVAKOMOV, George V.
TITLE OF INVENTION: Variants of Corticosteroid Binding
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/994,423
FILING DATE: 16-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 16777/197/ALLE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-994-423-4

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4097 CACTGAGTCGGAGCCGAG 4115
DB 3 CACTGAGTTGGAACCCAG 21

RESULT 856
US-08-182-175A-20/C
Sequence 20, Application US/08182175A
Patent No. 5559223
GENERAL INFORMATION:
APPLICANT: Saverio Carl Falco
APPLICANT: Sharon J. Keeler
APPLICANT: Janet A. Rice
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: E.I. du Pont de Nemours and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: USA
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,175A
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamethy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
TELEX: 835420
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:

NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 87"
US-08-182-175A-20

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAGAGAG 2820
DB 21 CGAGAGAGAGCTGAGAGAG 3

RESULT 857
US-08-421-891-4
Sequence 4, Application US/08421891
Patent No. 5595969
GENERAL INFORMATION:
APPLICANT: HAMMOND, Geoffrey L.
APPLICANT: AVAKUMOV, George V.
TITLE OF INVENTION: Variants of Corticosteroid Binding
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/421,891
FILING DATE: 14-APR-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/994,423
FILING DATE: 16-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 16777/197/ALL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-421-891-4

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4097 CACTGAGTCGAGAGCCAG 4115
DB 3 CACTGAGTCGAGAGCCAG 21

RESULT 858
US-08-441-430-43
Sequence 43, Application US/08441430
Patent No. 5681942
GENERAL INFORMATION:

APPLICANT: Buchwald, Manuel
APPLICANT: Strathdee, Craig A.
APPLICANT: Wevrick, Rachel A.
APPLICANT: Mathew, Christopher George Porter
TITLE OF INVENTION: Fanconi Anemia Type C Gene
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard J. Polley, Esq.
ADDRESSEE: Klarguist, Sparkman, Campbell, Leigh &
ADDRESSEE: Whinston, LLP
STREET: 121 S.W. Salmon, Suite 1600
CITY: Portland
STATE: Oregon
COUNTRY: U.S.A.
ZIP: 97204
COMPUTER READABLE FORM:
MEDIUM TYPE: Disk, 3+-inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Wordperfect 5.1/ASCII Text File
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,430
FILING DATE: May 15, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. 07/876,285
FILING DATE: April 29, 1992
APPLICATION NUMBER: U.S. 07/918,313
FILING DATE: July 21, 1992
APPLICATION NUMBER: U.S. 08/003,963
FILING DATE: January 15, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Richard J. Polley, Esq.
REGISTRATION NUMBER: 28,107
REFERENCE/DOCKET NUMBER: 3812-42824
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 226-7391
TELEFAX: (503) 228-9446
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single stranded
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-441-430-43

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3460 TCCCTCCGAGACACGGA 3478
DB 2 TCCGTCCCTGAGCAAGGA 20

RESULT 859
US-08-474-633A-42/C
Sequence 42, Application US/08474633A
Patent No. 5773691
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
APPLICANT: COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND
TITLE OF INVENTION: METHODS FOR INCREASING
TITLE OF INVENTION: INCREASING THE LYSINE
TITLE OF INVENTION: AND THREONINE CONTENT
TITLE OF INVENTION: OF THE SEEDS OF PLANTS
NUMBER OF SEQUENCES: 107

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: E. I. DU PONT DE NEMOURS
;; ADDRESSEE: AND COMPANY
;; STREET: 1007 MARKET STREET
;; CITY: WILMINGTON
;; STATE: DELAWARE
;; COUNTRY: U.S.A.
;; ZIP: 19898
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: FLOPPY DISK
;; COMPUTER: IBM PC COMPATIBLE
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: MICROSOFT WORD VERSION 2.0C
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/474,633A
;; FILING DATE:
;; CLASSIFICATION: 800
;; ATTORNEY/AGENT INFORMATION:
;; NAME: BARBARA C. SIEGELL
;; REGISTRATION NUMBER: 30,684
;; REFERENCE/DOCKET NUMBER: BB-1037-C
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 302-992-4931
;; TELEFAX: 302-773-0164
;; TELEX: 835420
;; INFORMATION FOR SEQ ID NO: 42:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: 1..21
;; OTHER INFORMATION: /product= "synthetic
;; OTHER INFORMATION: oligonucleotide"
;; OTHER INFORMATION: /standard_name= "SM
;; OTHER INFORMATION: 87"
;;
US-08-474-633A-42
;;
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;;
QY 2802 GAAGGAGAAATGAAGAAG 2820
Db 21 GAAGGAGAACTGAAGAAG 3
;;
RESULT 860
US-08-808-550-17/C
;; Sequence 17, Application US/08808550
;; Patent No. 5871992
;; GENERAL INFORMATION:
;; APPLICANT: Teebor, George W.
;; APPLICANT: Hilbert, Timothy P.
;; TITLE OF INVENTION: MAMMALIAN ENDONUCLEASE III AND
;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES THEREOF
;; NUMBER OF SEQUENCES: 42
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: David A. Jackson, Esq.
;; STREET: 411 Hackensack Ave, Continental Plaza, 4th
;; STREET: Floor
;; CITY: Hackensack
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07601
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/808,550
;; FILING DATE: 26-FEB-1997
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jackson Esq., David A.
;; REGISTRATION NUMBER: 26,742
;; REFERENCE/DOCKET NUMBER: 1049-1-001 N
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 201-487-5800
;; TELEFAX: 201-343-1684
;; INFORMATION FOR SEQ ID NO: 17:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "Primer P10"
;; HYPOTHETICAL: NO
;;
US-08-808-550-17
;;
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;;
QY 2375 AGAGAGAGGAGCAGAGAG 2393
Db 19 AGAGAGCTGCAGCAGAG 1
;;
RESULT 861
US-08-598-873-73/C
;; Sequence 73, Application US/08598873
;; Patent No. 5928884
;; GENERAL INFORMATION:
;; APPLICANT: Croce, Carlo M.
;; APPLICANT: Huebner, Kay
;; TITLE OF INVENTION: FILT PROTEINS AND NUCLEIC ACIDS AND
;; TITLE OF INVENTION: METHODS BASED THEREON
;; NUMBER OF SEQUENCES: 77
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Pennie & Edmonds
;; STREET: 1155 Avenue of the Americas
;; CITY: New York
;; STATE: New York
;; COUNTRY: U.S.A.
;; ZIP: 10036-2711
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/598,873
;; FILING DATE: 09-FEB-1996
;; CLASSIFICATION: 514
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Friebe, Thomas E.
;; REGISTRATION NUMBER: 29,258
;; REFERENCE/DOCKET NUMBER: 8666-004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 790-9090
;; TELEFAX: (212) 869-9741/8864
;; TELEX: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 73:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;;
US-08-598-873-73

TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-44

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTTCATC 1733
DB 3 CATCATCATCATCATCATC 21

RESULT 865
US-08-863-639A-45/C
Sequence 45, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESSES:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-45

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTTCATC 1733
DB 21 CATCATCATCATCATCATC 3

RESULT 866

US-08-863-639A-49
Sequence 49, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESSES:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-49

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTTCATC 1733
DB 1 CATCATCATCATCATCATC 19

RESULT 867
US-08-863-639A-65/C
Sequence 65, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESSES:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95

SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-63-639A-65

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTTCATC 1733

DB 19 CATCATCATCATCATCATC 1

RESULT 868
US-08-63-639A-82
Sequence 82, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Caskey, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
City: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-63-639A-82

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTTCATC 1733

DB 2 CATCATCATCATCATCATC 20

RESULT 869
US-08-63-639A-85/c
Sequence 85, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Caskey, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
City: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-63-639A-85

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2802 GAAGCAAAATGAGAGAG 2820

DB 20 GAAGAGAGAGAGAGAGAG 2

RESULT 870
US-08-63-639A-86/c
Sequence 86, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Caskey, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:

ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ. ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-86

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTTCATC 1733
DB 20 CATCATCATCATCATCATC 2

RESULT 871
US-08-859-998-128
Sequence 128, Application US/08859998
Patent No. 5994076
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620

REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ. ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-08-859-998-128

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4269 GAGGCTGGAGAGAAACGC 4287
DB 3 GGGGCTGGAGAGAAATCCG 21

RESULT 872
US-09-150-741-5/c
Sequence 5, Application US/09150741
Patent No. 6183996
GENERAL INFORMATION:
APPLICANT: Stewart et al.
TITLE OF INVENTION: Nucleotide Sequence Encoding Carbamoyl Phosphate
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/150,741
EARLIER FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: PL6380
EARLIER FILING DATE: 1992-12-16
EARLIER APPLICATION NUMBER: AU93/00617
EARLIER FILING DATE: 1993-12-02
EARLIER APPLICATION NUMBER: 08/446,855
EARLIER FILING DATE: 1995-07-06
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 21
TYPE: DNA
ORGANISM: Plasmodium falciparum
US-09-150-741-5

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4417 ATAATTAATTAATTAATA 4435
DB 21 ATAATTAATCAATAGTAA 3

RESULT 873
US-08-822-774-25/c
Sequence 25, Application US/08822774
Patent No. 6183997
GENERAL INFORMATION:
APPLICANT: HOGREPE, Holly
TITLE OF INVENTION: Polymerase Enhancing Factor (PEF)
TITLE OF INVENTION: Extracts, PEF Protein Complexes, Isolated PEF Proteins,
AND Methods for Purifying and Identifying Same
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: David J. Kulik, Evenson, McKeown, Edwards &
ADDRESSEE: Lenahan, P.L.L.C.
STREET: 1200 G Street, N.W. Suite 700

CITY: Washington
STATE: D.C.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,774
FILING DATE: 21-MAR-1997
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: KULIK, David J.
REGISTRATION NUMBER: 36,576
REFERENCE/DOCKET NUMBER: 1486/43163
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-822-774-25

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTCTCCGAC 1668
Db 19 AGTGAAGTCTTCTCCGAC 1

RESULT 874
US-09-113-168-2
Sequence 2, Application US/09113168
Patent No. 6190875
GENERAL INFORMATION:
APPLICANT: Hanna Ben-Artzi et al.
TITLE OF INVENTION: METHOD OF SCREENING FOR POTENTIAL ANTI-METASTATIC AND ANTI-INFLAMMATORY AGENTS USING MAMMALIAN HEPARINASE AS A PROBE
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Anthony Caetorina
STREET: 20001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11
SOFTWARE: Word for Windows version 2.0 converted to an ASCII file
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/113,168
FILING DATE: 10-Jul-1998
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/922,180
FILING DATE: September 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Friedman, Mark M.
REGISTRATION NUMBER: 33,883

REFERENCE/DOCKET NUMBER: 910/8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-5625553
TELEFAX: 972-3-5625554
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-113-168-2

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2985 GCCAGAGAAAGCAGCTGC 3003
Db 3 GCCAGATTAAGCCAGCTGC 21

RESULT 875
US-08-605-430-73/C
Sequence 73, Application US/08605430
Patent No. 6242212
GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
APPLICANT: Huebner, Kay
TITLE OF INVENTION: PHIT PROTEINS AND NUCLEIC ACIDS AND
TITLE OF INVENTION: METHODS BASED THEREON
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,430
FILING DATE: 22-FEB-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Friedel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-605-430-73

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4699 GTCCAGCTTCAGTGACACA 4717
Db 20 GTCTACTTTCAGTGACACA 2

RESULT 876
US-08-605-430-75/C
Sequence 75, Application US/08605430
Patent No. 6242212
GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
APPLICANT: Huebner, Kay
TITLE OF INVENTION: PHIT PROTEINS AND NUCLEIC ACIDS AND
TITLE OF INVENTION: METHODS BASED THEREON
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,430
FILING DATE: 22-FEB-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Friedel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-605-430-75

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4699 GTCCAGCTTCAGTGACACA 4717
DB 20 GTCTACTTCAGTGACACA 2

RESULT 877
US-09-109-663-42/C
Sequence 42, Application US/09109663
Patent No. 6277981
GENERAL INFORMATION:
APPLICANT: Tu, Guang-Chou
APPLICANT: Israel, Yedy
TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 9855-301
CURRENT APPLICATION NUMBER: US/09/109,663
CURRENT FILING DATE: 1998-07-03
EARLIER APPLICATION NUMBER: 60/051,705
NUMBER OF SEQ ID NOS: 81
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 42
LENGTH: 21
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Candidate
US-09-109-663-42
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3463 CTCGCCGACAGAGAGC 3481
DB 20 CTCGCCGAGACAGAGCC 2

RESULT 878
US-07-974-409C-346
Sequence 346, Application US/07974409C
Patent No. 6300058
GENERAL INFORMATION:
APPLICANT: Akitaya, Tatsuo
APPLICANT: Mitsubaishi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 457
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 346:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-346

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3533 CTCGCCGTGACGAGCCC 3551
DB 3 CTCGCCGCGACGAGGCC 21

RESULT 879
US-09-632-711-25/C
Sequence 25, Application US/09632711
Patent No. 6333165

GENERAL INFORMATION:
APPLICANT: HOGREFE, HOLLY
TITLE OF INVENTION: Polymerase Enhancing Factor (PEF)
Extracts, PEF Protein Complexes, Isolated PEF Proteins,
and Methods for Purifying and Identifying Same
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: David J. Kulik, Evenson, McKeown, Edwards &
Lennahan, P.L.L.C.
STREET: 1200 G Street, N.W. Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/632,711
FILING DATE: 04-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/822,774
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: KULIK, David J.
REGISTRATION NUMBER: 36,576
REFERENCE/DOCKET NUMBER: 1486/43163
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-632-711-25
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1650 AGAAGGCTTCGCCAGC 1668
DB 19 AGTGAAGCTTCGCCAGC 1
RESULT 880
US-09-363-160-5
Sequence 5, Application US/09363160
Patent No. 6344540
GENERAL INFORMATION:
APPLICANT: Burnham, Martin K. R.
APPLICANT: Lonetto, Michael A.
APPLICANT: Warren, Patrick V.
APPLICANT: Black, Michael T.
APPLICANT: Hodgson, John E.
APPLICANT: Knowles, David J. C.
APPLICANT: Reichard, Raymond W.
APPLICANT: Nicholas, Richard O.
APPLICANT: Pratt, Julie M.
APPLICANT: Rosenberg, Martin
APPLICANT: Ward, Judith M.
TITLE OF INVENTION: No. 6344540e1 pat
FILE REFERENCE: P50444-4
CURRENT APPLICATION NUMBER: US/09/363,160
CURRENT FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: 08/920,132
PRIOR FILING DATE: 1997-08-27
PRIOR APPLICATION NUMBER: 60/011,888
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: PCT/US97/02318
PRIOR FILING DATE: 1997-02-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
TYPE: DNA
LENGTH: 21
ORGANISM: Staphylococcus aureus
US-09-363-160-5
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1555 AGTCAGCAATTCGAA 1573
DB 2 AATCAAGAAATTCAGAA 20
RESULT 881
US-09-225-928-128
Sequence 128, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
Bibilahevili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 128:
US-09-225-928-128
Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4269 GAGCGTGAAGAAAAACGC 4287
|||||

DB 3 GGGGCTGAAGAACATCGC 21
|||||

RESULT 882

US-09-632-703B-25/C

; Sequence 25, Application US/09632703B

; Patent No. 6379553

; GENERAL INFORMATION:

; APPLICANT: HOGREFE, Holly

; TITLE OF INVENTION: Polymerase Enhancing Factor (PEF) Extracts, PEF

; Protein Complexes, Isolated PEF Proteins, and Methods for F

; Identifying Same

; NUMBER OF SEQUENCES: 61

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Farnegan, Henderson, Farabow, Garrett, & Dunner, L.L.P.

; STREET: 1300 I Street, N.W.

; CITY: Washington

; STATE: D.C.

; ZIP: 20005-3315

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: <Unknown>

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/632,703B

; FILING DATE: 24-Aug-2000

; CLASSIFICATION: <Unknown>

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US 08/822,774

; FILING DATE: 21-MAR-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: BARKER, M. Paul

; REGISTRATION NUMBER: 32,013

; REFERENCE/DOCKET NUMBER: 4121.0116-04

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (650) 849-6613

; TELEFAX: (650) 849-6666

; INFORMATION FOR SEQ ID NO: 25:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; SEQUENCE DESCRIPTION: SEQ ID NO: 25:

US-09-632-703B-25

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTCTGCCAGC 1668
|||||

DB 19 AGTGAAGCTCTTCCAGC 1
|||||

RESULT 883

US-09-593-012-217/C

; Sequence 217, Application US/09593012

; Patent No. 6387652

; GENERAL INFORMATION:

; APPLICANT: HAUGLAND, Richard

; APPLICANT: VESPER, Stephen

; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA

; FILE REFERENCE: HAUGLAND=1A

; CURRENT APPLICATION NUMBER: US/09/593,012

; CURRENT FILING DATE: 2000-06-13

; PRIOR APPLICATION NUMBER: US 09/290,990

; PRIOR FILING DATE: 1999-04-14

; PRIOR APPLICATION NUMBER: US 60/081,773

; PRIOR FILING DATE: 1998-04-15

; NUMBER OF SEQ ID NOS: 225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 217

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Universal Fungal

US-09-593-012-217

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 GATCCTGCGGAGGAATAT 1628
|||||

DB 21 GAACCTGGCGGAGGATCAT 3
|||||

RESULT 884

US-09-442-143A-28

; Sequence 28, Application US/09442143A

; Patent No. 6403089

; GENERAL INFORMATION:

; APPLICANT: Levy, Gary

; APPLICANT: Clark, David A.

; TITLE OF INVENTION: Methods of Modulating Immune Coagulation

; FILE REFERENCE: 9579-14

; CURRENT APPLICATION NUMBER: US/09/442,143A

; CURRENT FILING DATE: 1999-11-15

; PRIOR APPLICATION NUMBER: US 60/046,537

; PRIOR FILING DATE: 1997-05-17

; PRIOR APPLICATION NUMBER: US 60/061,684

; PRIOR FILING DATE: 1997-10-10

; NUMBER OF SEQ ID NOS: 53

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 28

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-442-143A-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4645 CTTAGGAGCTGAAGATC 4663
|||||

DB 1 CTTGGGAGCTGAATAGTC 19
|||||

RESULT 885

US-08-649-950-41

; Sequence 41, Application US/08649950

; Patent No. 6403303

; GENERAL INFORMATION:

; APPLICANT: Shipman, Robert

; APPLICANT: Leushner, James

; APPLICANT: Dunn, James M.

; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR

; NUMBER OF SEQUENCES: 77

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Opedahl & Larson

; STREET: 1992 Commerce Street Suite 309

; CITY: Yorktown

; STATE: NY

COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,950
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
US-08-649-950-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3219 GGCTCCAGTACTGCTGAAA 3237
DB 3 GGCTCCAGTACTGCTGAAA 21

RESULT 886
US-09-360-545-62
Sequence 62, Application US/09360545
Patent No. 6429014
GENERAL INFORMATION:
APPLICANT: Croteau, Rodney B
APPLICANT: Bohlmann, Jorg
APPLICANT: Steele, Christopher L
APPLICANT: Phillips, Michael A
TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)
FILE REFERENCE: wsu13885
CURRENT APPLICATION NUMBER: US/09/360,545
CURRENT FILING DATE: 1999-07-26
EARLIER APPLICATION NUMBER: 60/052,249
EARLIER FILING DATE: 1997-11-07
EARLIER APPLICATION NUMBER: PCT/US98/14528
EARLIER FILING DATE: 1998-07-10
NUMBER OF SEQ ID NOS: 107
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 62
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide corresponding to amino acid

OTHER INFORMATION: sequence set forth in SEQ ID NO:51
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(21)
OTHER INFORMATION: Oligonucleotide corresponding to conserved amino
OTHER INFORMATION: acid sequence set forth in SEQ ID NO:51
US-09-360-545-62

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1885 AGAGTGGCTGGAGATCCT 1903
DB 2 AGAGTGGCTGGAGATCCT 20

RESULT 887
US-09-632-702-25/C
Sequence 25, Application US/09632702
Patent No. 644428
GENERAL INFORMATION:
APPLICANT: HOGREBE, Holly
TITLE OF INVENTION: Polymerase Enhancing Factor (PEF)
Extracts, PEF Protein Complexes, Isolated PEF Proteins,
and Methods for Purifying and Identifying Same
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: David J. Kulik, Evenson, McKeown, Edwards &
Lenahan, P.L.L.C.
STREET: 1200 G Street, N.W. Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/632,702
FILING DATE: 04-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/822,774
FILING DATE: 21-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: KULIK, David J.
REGISTRATION NUMBER: 36,576
REFERENCE/DOCKET NUMBER: 1486/43163
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-632-702-25

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAAGAGCTTCTGCCAGC 1668
DB 19 AGTGAAGTCTTCTCCAGC 1

```

US-08-823-771-42/c
; Sequence 42, Application US/08823771
; Patent No. 6459019
; GENERAL INFORMATION:
; APPLICANT: E. I. DU PONT DE NEMOURS AND
; COMPANY
; TITLE OF INVENTION: CHIMERIC GENES AND
; METHODS FOR INCREASING
; INCREASING THE LYSINE
; AND THREONINE CONTENT
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS
; AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD VERSION 2.0C
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/823,771
; FILING DATE: 24-Mar-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/474,633
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: BARBARA C. SIEGEL
; REGISTRATION NUMBER: 30,684
; REFERENCE/DOCKET NUMBER: BB-1037-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-4931
; TELEFAX: 302-773-0164
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: /product= "synthetic
; oligonucleotide"
; /standard_name= "SM
; 87"
; SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-08-823-771-42
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0
Oy 2802 GAAGAGAAATGATGAGAG 2820
| | | | | | | | | |
Db 21 GGAGAGAGAGCTGAGAGAG 3
RESULT 889
US-09-225-201B-128
; Sequence 128, Application US/09225201B
; Patent No. 6449455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex

```

```

1      Johhadze, George
2      Bibilashvili, Robert
3      TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
4      EXPRESSION
5      NUMBER OF SEQUENCES: 1375
6      CORRESPONDENCE ADDRESS:
7      ADDRESSEE: Fish & Richardson, P.C.
8      STREET: 2200 Sand Hill Road, Suite 100
9      CITY: Menlo Park
10     STATE: CA
11     COUNTRY: US
12     ZIP: 94025
13     COMPUTER READABLE FORM:
14     MEDIUM TYPE: Diskette
15     COMPUTER: IBM Compatible
16     OPERATING SYSTEM: Windows95
17     SOFTWARE: FastSeq for Windows Version 2.0
18     CURRENT APPLICATION DATA:
19     APPLICATION NUMBER: US/09/225, 201B
20     FILING DATE: 05-Jan-1999
21     CLASSIFICATION: <Unknown>
22     PRIOR APPLICATION DATA:
23     APPLICATION NUMBER: US/08/859, 998
24     FILING DATE: 21-MAY-1997
25     ATTORNEY/AGENT INFORMATION:
26     NAME: Field, Bret E.
27     REGISTRATION NUMBER: 37,620
28     REFERENCE/DOCKET NUMBER: 09096/002001
29     TELECOMMUNICATION INFORMATION:
30     TELEPHONE: 415-322-5070
31     TELEFAX: 415-854-0875
32     INFORMATION FOR SEQ ID NO: 128:
33     SEQUENCE CHARACTERISTICS:
34     LENGTH: 21 base pairs
35     TYPE: nucleic acid
36     STRANDEDNESS: single
37     TOPOLOGY: linear
38     MOLECULE TYPE: DNA
39     FEATURE:
40     OTHER INFORMATION: oligonucleotide primer
41     SEQUENCE DESCRIPTION: SEQ ID NO: 128:
42     US-09-225-201B-128
43
44     Query Match      0.3%  Score 14.2;  DB 1;  Length 21;
45     Best Local Similarity 84.2%;  Pred. No. 1.1e+03;
46     Matches 16;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0.
47
48     Oy      4269  GAGGCTGAGAGAAAACGC 4287
49             |||||||
50     DB      3  GGGGCTGAGAGAACATGCC 21
51
52     RESULT 890
53     US-09-086-663A-27
54     Sequence 27, Application US/09086663A
55     Patent No. 6518063
56     GENERAL INFORMATION:
57     APPLICANT: DUCY, PATRICIA
58     APPLICANT: KASENTY, GERARD
59     TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
60     FILE REFERENCE: USFC:525
61     CURRENT APPLICATION NUMBER: US/09/086, 663A
62     CURRENT FILING DATE: 1998-05-29
63     PRIOR APPLICATION NUMBER: 60/080,189
64     PRIOR FILING DATE: 1998-03-24
65     PRIOR APPLICATION NUMBER: 60/048, 430
66     PRIOR FILING DATE: 1997-05-29
67     NUMBER OF SEQ ID NOS: 83
68     SOFTWARE: PatentIn Ver. 2.1
69     SEQ ID NO 27
70     LENGTH: 21
71     TYPE: DNA
72     ORGANISM: Artificial Sequence

```

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-086-663A-27

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 960 CGAGCGACCGAGCCAGCC 978
DB 3 CCAGCCACCGAGACCAACC 21

RESULT 891
US-09-635-872A-41/c
Sequence 41, Application US/09635872A
Patent No. 6534300
GENERAL INFORMATION:
APPLICANT: CAMPBELL, WILLIAM
TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
FILE REFERENCE: 195613050
CURRENT APPLICATION NUMBER: US/09/635,872A
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial/Unknown
FEATURE:
NAME/KEY: misc feature
LOCATION: ( )
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-635-872A-41

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGCTGTCCAGCTC 1304
DB 20 CACCATGGGCTTCAAGCTC 2

RESULT 892
US-09-422-978-3998
Sequence 398, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3998
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
```

```
OTHER INFORMATION: upstream amplification primer 99-12650 for SEQ 64,
US-09-422-978-3998

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTCATC 1733
DB 3 CCTTATCATCATCTTCATC 21

RESULT 893
US-09-422-978-6964/c
Sequence 6964, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6964
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-09-422-978-6964

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1593 GAAACAGAGAGAGAGA 1611
DB 21 GAGACAGAGAGAGAGAAA 3

RESULT 894
US-09-422-978-7474/c
Sequence 7474, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7474
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
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/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: upstream amplification primer 99-5329 for SEQ 3540.
US-09-422-978-7474

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2589 AGCGACATCATGACGAGTG 2607
Db      19 AGCGACACATGAGAGATG 1

RESULT 895
US-09-422-978-10061
/ Sequence 10061, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marla
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10061
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-921 for SEQ 2196, in complement
US-09-422-978-10061

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2808 GAAATGAAGAGAGAGTG 2826
Db      2 GAAATGAAGAGAGAGTG 20

RESULT 896
US-09-636-077A-41/c
/ Sequence 41, Application US/09636077A
/ Patent No. 6537785
/ GENERAL INFORMATION:
/ APPLICANT: CANFIELD, WILLIAM
/ TITLE OF INVENTION: METHODS OF TREATING LYSOSOMAL STORAGE DISEASE
/ FILE REFERENCE: 195612050
/ CURRENT APPLICATION NUMBER: US/09/636,077A
/ CURRENT FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: 60/153,831
/ PRIOR FILING DATE: 1999-09-14
/ NUMBER OF SEQ ID NOS: 52
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 41
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial/Unknown
/ FEATURE:
/ NAME/KEY: misc_feature

/ LOCATION: ()..()
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-636-077A-41

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1266 CAACATGATGTCAGCTC 1304
Db      20 CACCATGGGCTTCAAGCTC 2

RESULT 897
US-09-380-836-95
/ Sequence 95, Application US/09380836
/ Patent No. 6551775
/ GENERAL INFORMATION:
/ APPLICANT: Lifton, Richard P.
/ APPLICANT: Chang, Sue S.
/ APPLICANT: Rosolier, Bernard C.
/ TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
/ TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
/ FILE REFERENCE: 44574-5018-US
/ CURRENT APPLICATION NUMBER: US/09/380,836
/ CURRENT FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: US 60/040,171
/ PRIOR FILING DATE: 1997-03-11
/ PRIOR APPLICATION NUMBER: PCT/US98/04681
/ PRIOR FILING DATE: 1998-03-11
/ NUMBER OF SEQ ID NOS: 106
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 95
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: G-1 reverse
US-09-380-836-95

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      535 GCAACATCACCCGCTCA 553
Db      3 GCAACATCACCCCTCA 21

RESULT 898
US-09-303-040-27
/ Sequence 27, Application US/09303040
/ Patent No. 6555671
/ GENERAL INFORMATION:
/ APPLICANT: Winkslow, Barbara J.
/ APPLICANT: Cochran, Mark D.
/ TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
/ TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CTLA-4 or
/ FILE REFERENCE: 54957-B
/ CURRENT APPLICATION NUMBER: US/09/303,040
/ CURRENT FILING DATE: 1999-04-30
/ EARLIER APPLICATION NUMBER: 60/083,870
/ EARLIER FILING DATE: 1998-05-01
/ NUMBER OF SEQ ID NOS: 82
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 27
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: feline CD86 primer
US-09-303-040-27
```



```
/ GENERAL INFORMATION:
/ APPLICANT: ALLEN, Antonette C. P.
/ OLSEN, Sheri J.
/ LAWRENCE, Tammy
/ ANGELLY, Tracy S.
/ RABIN, Mark B.
/ TITLE OF INVENTION: CODING SEQUENCE HAPLOTYPE OF THE HUMAN
/ BRCA1 GENE
/ NUMBER OF SEQUENCES: 67
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Morgan Lewis & Bockius LLP
/ STREET: 1111 Pennsylvania Avenue
/ CITY: Washington DC
/ STATE: District of Columbia
/ COUNTRY: USA
/ ZIP: 20004
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/022,819
/ FILING DATE: 22-Apr-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/074,452
/ FILING DATE: 1998-05-06
/ ATTORNEY/AGENT INFORMATION:
/ NAME: <Unknown>
/ REGISTRATION NUMBER: <Unknown>
/ REFERENCE/DOCKET NUMBER: 044921-5049-01-US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-739-3000
/ TELEFAX: 202-739-3001
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "PRIMER"
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE: Internal
/ SEQUENCE DESCRIPTION: SEQ ID NO: 18:
/ US-10-022-819-18
/
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4654 CTGAAGAGCTCTGGGTAGCT 4672
DB 21 CTGAAGAGAGTGGGTAGAT 3

RESULT 904
US-09-657-472-388/C
/ Sequence 388, Application US/09657472
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolik, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ CURRENT FILING DATE: 2000-09-07
```

```
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 388
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-657-472-388
/
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1722 ACCATCTTCATCGGACCTGG 1742
DB 21 ACCTCTCTCTYGGGACCTGG 1

RESULT 905
US-09-657-472-395
/ Sequence 395, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolik, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ CURRENT FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 395
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-657-472-395
/
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 137 CCAGGGGAGCTTCAGCTCCA 157
DB 1 CCACGAGACTTCAGCTTCCA 21

RESULT 906
US-09-657-472-671/C
/ Sequence 671, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolik, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
```

```
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 671
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-671

Query Match
0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1025 CACCACTGGGCTTCACAGAGA 1045
DB 21 CACCATGGGCTTCACAGAGA 1

RESULT 907
US-09-657-472-859
; Sequence 859, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolck, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 859
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-859

Query Match
0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 4216 GCTTCTGTGTGCGCCACAGAG 4236
DB 1 GCCTCCGTGTGTGCGCCACAGAG 21

RESULT 908
US-09-657-472-1261
; Sequence 1261, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolck, Stacey
```

```
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1261
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1261

Query Match
0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2365 AGCTGCTCACAGAGAGAGAGG 2385
DB 1 AGATCCAGACRGAGAGAGAGG 21

RESULT 909
US-09-657-472-1278
; Sequence 1278, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolck, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1278
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1278

Query Match
0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 3808 ACAAGAGCCAGAGGAGGCCA 3828
DB 1 ACATGCGCCAGAGGAGGAGCACA 21

RESULT 910
US-09-657-472-1447
; Sequence 1447, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
```

```
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George O.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ PRIOR FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1447
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-1447
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2833 ACCTGCTGGAAGTTGGTG 2853
DB      1 ACCTGAGGATGATGATCCGTG 21
```

```
RESULT 911
US-09-657-472-1475
/ Sequence 1475, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George O.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ PRIOR FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1475
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-1475
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      808 ACCCTGCGCTGAGGAG 828
DB      1 ACCGTGTGCTGCGAGAG 21
```

```
RESULT 912
US-09-657-472-1498
/ Sequence 1498, Application US/09657472
```

```
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George O.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ PRIOR FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1498
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-1498
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1987 TGGCCAGCCTGACGACGAGA 2007
DB      1 TGGCCGAGACGAGGACGAGA 21
```

```
RESULT 913
US-09-657-472-1653/c
/ Sequence 1653, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George O.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ PRIOR FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1653
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-1653
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3789 GGCAGGCGCGCGCGCGG 3807
DB      21 GGCAGGCGCGCGCGCGG 3
```


RESULT 914
US-09-657-472-1655
; Sequence 1655, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1655
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1655

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGGAAACAGACAGAGA 1608
DB 1 TGGTGGCCACRACAGACAGAGA 21

RESULT 915
US-09-657-472-1677/c
; Sequence 1677, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1677
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1677

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 3145 AGACCTGAGAGAGCTCACCA 3165
DB 1 AGACCTGAGAGAGCTCACCA 3165

Db 21 AGGCCCCGAASAGCTTCACCA 1
RESULT 916
US-09-657-472-1957/c
; Sequence 1957, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1957
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1957

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1895 GGAGATCTCTCAACACTCCCT 1915
DB 21 GGAGTCTCTCATTCCT 1

RESULT 917
US-09-657-472-2484/c
; Sequence 2484, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2484
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2484

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2672 TCCCGGAGCTGTGACAGCCA 2692
DB 21 TCCCGTCACTRTTGAGAGCA 1

RESULT 918
US-09-232-785-390/c
; Sequence 390, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Ech, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E188U1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 390
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-390

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTCATC 1733
DB 21 CATCATCATCATCATCATC 3

RESULT 919
US-09-399-003-25/c
; Sequence 25, Application US/09399003
; Patent No. 6734293
; GENERAL INFORMATION:
; APPLICANT: Hogrefe, Holly
; APPLICANT: Hansen, Connie J
; TITLE OF INVENTION: Polymerase Enhancing Factor (PEF) Extracts, PEF Protein Complexes
; FILE REFERENCE: 4121.0116-02
; CURRENT APPLICATION NUMBER: US/09/399,003
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: PCT/ US98/05497
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: US 08/957,709
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: US 08/822,774
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-399-003-25

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAGAAGGCTTGCCAGC 1668
DB 19 AGTGAAGTCTTCTCCAGC 1

RESULT 920
US-09-399-003-65/c
; Sequence 65, Application US/09399003
; Patent No. 6734293
; GENERAL INFORMATION:
; APPLICANT: Hogrefe, Holly
; APPLICANT: Hansen, Connie J
; TITLE OF INVENTION: Polymerase Enhancing Factor (PEF) Extracts, PEF Protein Complexes
; FILE REFERENCE: 4121.0116-02
; CURRENT APPLICATION NUMBER: US/09/399,003
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: PCT/ US98/05497
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: US 08/957,709
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: US 08/822,774
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 65
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-399-003-65

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1650 AGAGAAGGCTTGCCAGC 1668
DB 19 AGTGAAGTCTTCTCCAGC 1

RESULT 921
US-09-636-596C-41/c
; Sequence 41, Application US/09636596C
; Patent No. 6770468
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, WILLIAM
; TITLE OF INVENTION: PHOSPHODIESTER ALPHA-GLUCANASE OF THE LYSOSOMAL TARGETING PATHWAY
; FILE REFERENCE: 10929-0001-77
; CURRENT APPLICATION NUMBER: US/09/636,596C
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1..7)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-636-596C-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CACATGTTGTCACAGCTC 1304
DB 20 CACATGGGGTTTCAGCTC 2

RESULT 922

US-09-717-054-73/c
Sequence 73, Application US/09717054
Patent No. 6774217
GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
Huebner, Kay
TITLE OF INVENTION: FITT PROTEINS AND NUCLEIC ACIDS AND
METHODS BASED THEREON
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/717,054
FILING DATE: 21-No. 6774217-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/605,430
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 73:
US-09-717-054-73
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4699 GTCCAGCTTCAGTGACACA 4717
DB 20 GTCTACTTTCAGTGACACA 2
RESULT 923
US-09-717-054-75/c
Sequence 75, Application US/09717054
Patent No. 6774217
GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
Huebner, Kay
TITLE OF INVENTION: FITT PROTEINS AND NUCLEIC ACIDS AND
METHODS BASED THEREON
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/717,054
FILING DATE: 21-No. 6774217-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/605,430
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 75:
US-09-717-054-75
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4699 GTCCAGCTTCAGTGACACA 4717
DB 20 GTCTACTTTCAGTGACACA 2
RESULT 924
PCT-US92-06412-20/c
Sequence 20, Application PC/TUS9206412
GENERAL INFORMATION:
APPLICANT: Saverio Carl Falco
APPLICANT: Sharon J. Keeler
APPLICANT: Janet A. Rice
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: E.I. du Pont de Nemours and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: USA
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06412
FILING DATE: 19920807
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamechy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949

TELEX: 835420
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 87"
PCT-US92-06412-20

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2802 GAAGAGAAATGAGAG 2820
Db 21 GGAGGAGAGCTGAGAG 3

RESULT 925
US-08-998-099-325/c
Sequence 325, Application US/0898099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 325
LENGTH: 14
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-325

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3922 CGCGCGCGCGCGCG 3935
Db 14 CGCGCGCGCGCGCG 1

RESULT 926
US-09-705-365A-8/c
Sequence 8, Application US/09705365A
Patent No. 6746868
GENERAL INFORMATION:
APPLICANT: Feligner, Phillip L.
APPLICANT: Zelpatti, Oliver
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Chemical Modification Of DNA Using Peptide Nucleic Acid
TITLE OF INVENTION: Conjugates
FILE REFERENCE: ISIS-5197
CURRENT APPLICATION NUMBER: US/09/705,365A
CURRENT FILING DATE: 2000-11-03

NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.2
SEQ ID NO 8
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-705-365A-8

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTC 294
Db 14 TCTCTCTCTCTC 1

RESULT 927
US-08-363-240A-741
Sequence 741, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwigen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 741:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-741

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.5e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 3235 AATCATCAACCCC 3248
DB 1 AAUACAUCACCCC 14

RESULT 928
US-08-367-069-1
Sequence 1, Application US/08367069
Patent No. 581538
GENERAL INFORMATION:
APPLICANT: Timothy A. Riley
APPLICANT: Mark A. Reynolds
APPLICANT: Lloyd R. Snyder
APPLICANT: Robert E. Klem
TITLE OF INVENTION: IMPROVED PROCESS FOR THE
PURIFICATION OF OLIGOMERS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,069
FILING DATE: December 30, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
APPLICATION NUMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-367-069-1

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 282 CTCTCTCTCTCTCT 295
DB 1 CTCTCTCTCTCTCT 14

RESULT 929
US-08-367-069-2
Sequence 2, Application US/08367069
Patent No. 581538
GENERAL INFORMATION:
APPLICANT: Timothy A. Riley
APPLICANT: Mark A. Reynolds

APPLICANT: Lloyd R. Snyder
APPLICANT: Robert E. Klem
TITLE OF INVENTION: IMPROVED PROCESS FOR THE
PURIFICATION OF OLIGOMERS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,069
FILING DATE: December 30, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
APPLICATION NUMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-367-069-2

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 6.5e+02;
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

OY 282 CTCTCTCTCTCTCT 295
DB 1 CUCUCUCUCUCUCUC 14

RESULT 930
US-08-885-126-5
Sequence 5, Application US/08885126A
Patent No. 595597
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHARALY ENRICHED SYNTHETIC PHOSPHATE
FILE REFERENCE: GENTA.020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ. ID NOS: 22

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-5

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCTCTCTCTCTCT 295
Db 1 CTCTCTCTCTCTCT 14

RESULT 931
US-08-885-126-6/C
Sequence 6, Application US/08885126A
Patent No. 5955597

GENERAL INFORMATION:
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
FILE REFERENCE: GENTR.020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/154,013
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-6

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCTCTCTCTCTCT 295
Db 14 CTCTCTCTCTCTCT 1

RESULT 932
US-08-340-834-1
Sequence 1, Application US/08340834
Patent No. 5986083

GENERAL INFORMATION:
APPLICANT: Brian P. Dwyer
APPLICANT: Lyle J. Arnold, Jr.
APPLICANT: Mark A. Reynolds
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: PHOSPHONATE INTER-
TITLE OF INVENTION: NUCLEOSIDYL LINKAGES OF
TITLE OF INVENTION: UNDEFINED CHIRALITY MIXED
TITLE OF INVENTION: WITH NON-PHOSPHONATE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/340,834
FILING DATE: No. 5986083ember 17, 1994
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
APPLICATION NUMBER: 08/238,177
FILING DATE: 4 May 1994
CLASSIFICATION: 536

APPLICATION NUMBER: 08/233,778
FILING DATE: 26 April 1994
CLASSIFICATION: 536

APPLICATION NUMBER: 08/154,014
FILING DATE: 16 No. 5986083ember 1993
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 207/253

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-340-834-1

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCTCTCTCTCTCT 295
Db 1 CTCTCTCTCTCTCT 14

RESULT 933
US-08-340-834-2
Sequence 2, Application US/08340834
Patent No. 5986083

GENERAL INFORMATION:
APPLICANT: Brian P. Dwyer
APPLICANT: Lyle J. Arnold, Jr.
APPLICANT: Mark A. Reynolds
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: PHOSPHONATE INTER-
TITLE OF INVENTION: NUCLEOSIDYL LINKAGES OF
TITLE OF INVENTION: UNDEFINED CHIRALITY MIXED
TITLE OF INVENTION: WITH NON-PHOSPHONATE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
CITY: Los Angeles
STATE: California

```
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/340,834
FILING DATE: No. 5986083ember 17, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/238,177
FILING DATE: 4 May 1994
CLASSIFICATION: 536
APPLICATION NUMBER: 08/233,778
FILING DATE: 26 April 1994
CLASSIFICATION: 536
APPLICATION NUMBER: 08/154,014
FILING DATE: 16 No. 5986083ember 1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 207/253
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-340-834-2

Query Match
Best Local Similarity 0.3%; Score 14; DB 1; Length 15;
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTCT 295
DB 1 CTCCTCTCTCTCT 14
1 CUCUCUCUCUCUCU 14

RESULT 934
US-08-342-924-1
Sequence 1, Application US/08342924
Patent No. 6028188
GENERAL INFORMATION:
APPLICANT: LYLE J. ARNOLD, JR.
APPLICANT: RICHARD I. HOGREBE
APPLICANT: MARK A. REYNOLDS
APPLICANT: TIMOTHY A. RILEY
APPLICANT: DAVID A. SCHWARTZ
APPLICANT: MORTEZA M. VAGHEFI
APPLICANT: BOB D. BROWN
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: CHIRALLY PURE PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
TITLE OF INVENTION: MIXED WITH NON-PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
```

```
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/342,924
FILING DATE: No. 6028188ember 21, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/154,014
FILING DATE: No. 6028188ember 16, 1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/015
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-342-924-1

Query Match
Best Local Similarity 0.3%; Score 14; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTCT 295
DB 1 CTCCTCTCTCTCT 14
1 CTCCTCTCTCTCT 14

RESULT 935
US-08-342-924-2
Sequence 2, Application US/08342924
Patent No. 6028188
GENERAL INFORMATION:
APPLICANT: LYLE J. ARNOLD, JR.
APPLICANT: RICHARD I. HOGREBE
APPLICANT: MARK A. REYNOLDS
APPLICANT: TIMOTHY A. RILEY
APPLICANT: DAVID A. SCHWARTZ
APPLICANT: MORTEZA M. VAGHEFI
APPLICANT: BOB D. BROWN
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: CHIRALLY PURE PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
TITLE OF INVENTION: MIXED WITH NON-PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
```

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/342,924
FILING DATE: NO. 6028188ember 21, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/154,014
FILING DATE: NO. 6028188ember 16, 1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/015
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-342-924-2

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 6.5e+02;
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCTCTCTCTCT 295
Db 1 CUCUCUCUCUCUCU 14

RESULT 936
US-08-960-111-1
Sequence 1, Application US/08960111
Patent No. 6060456
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: U.S.A.
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,111
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,177
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FEATURE:
NAME/KEY: CT oligomers 2286-1, 2288-1, 2287-1,
NAME/KEY: 2781-1, 2782-1, 3253-1, 2793-1,
NAME/KEY: 2760-1, 2784-1, 2795-1, 2765-1,
IDENTIFICATION METHOD: synthesis experiments
OTHER INFORMATION: complementary to synthetic RNA
OTHER INFORMATION: target
US-08-960-111-1

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 282 CTCTCTCTCTCT 295
Db 1 CTCTCTCTCTCTCT 14

RESULT 937
US-08-960-111-2
Sequence 2, Application US/08960111
Patent No. 6060456
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: U.S.A.
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,111
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,177
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no

ANTI-SENSE: yes
FEATURE: CU oligomer
IDENTIFICATION METHOD: synthesis experiment
US-08-960-111-2

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 6.5e+02;
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTCT 295
1 CUCUCUCUCUCUCU 14

RESULT 938
US-08-960-111-10/c
Sequence 10, Application US/08960111
Patent No. 6060456
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: U.S.A.
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,111
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,177
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FEATURE:
NAME/KEY: oligomers 2323-1, 2253-1, 2252-1
IDENTIFICATION METHOD: synthesis experiments
OTHER INFORMATION: complementary to synthetic RNA
OTHER INFORMATION: target
US-08-960-111-10

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 282 CTCCTCTCTCTCT 295

Db 14 CTCCTCTCTCTCT 1

RESULT 939
US-08-687-456B-1
Sequence 1, Application US/08687456B
Patent No. 6066447
GENERAL INFORMATION:
APPLICANT: De Mesmaeker, Alain
APPLICANT: Waldner, Adrian
APPLICANT: Lebreton, Jacques
APPLICANT: Bevierre, Marc-Olivier
APPLICANT: Lesueur, Catherine
TITLE OF INVENTION: Modified Oligonucleotides
FILE REFERENCE: 4-19815/A/PCT
CURRENT APPLICATION NUMBER: US/08/687,456B
CURRENT FILING DATE: 1996-11-12
EARLIER APPLICATION NUMBER: PCT/EP96/00156
EARLIER FILING DATE: 1995-01-17
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: (4)
OTHER INFORMATION: n is Tb as shown on page 79 of the specification
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-08-687-456B-1

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTTTCTCTCTCTCT 293
1 TTTTCTCTCTCTCT 15

RESULT 940
US-09-162-484-6
Sequence 6, Application US/09162484
Patent No. 6248724
GENERAL INFORMATION:
APPLICANT: Phillips, M. Ian
APPLICANT: Moncezy, Dagmara
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS TARGETED TO
FILE REFERENCE: UFLA:087/UFLA087P
FILE REFERENCE: UFLA:087/UFLA087P
CURRENT APPLICATION NUMBER: US/09/162,484
CURRENT FILING DATE: 1998-09-25
EARLIER APPLICATION NUMBER: 60/059,661
EARLIER FILING DATE: 1997-09-25
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
OTHER INFORMATION: primer
US-09-162-484-6

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1958 CACGCTCTGAAACA 1971
Db 1 CACGCTCTGAAACA 14

RESULT 941
US-09-490-774-1
Sequence 1, Application US/09490774
Patent No. 6262036
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: U.S.A.
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,774
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/960,111
FILING DATE:
APPLICATION NUMBER: US/08/238,177
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: other nucleic acid
TOPOLOGY: linear
HYPOTHETICAL: no
ANTI-SENSE: yes
FEATURE:
NAME/KEY: CT oligomere 2286-1, 2288-1, 2287-1,
NAME/KEY: 2781-1, 2782-1, 3253-1, 2768-1, 2793-1,
NAME/KEY: 2760-1, 2784-1, 2795-1, 2765-1, 2792-1
IDENTIFICATION METHOD: synthesis experiments
OTHER INFORMATION: complementary to synthetic RNA
US-09-490-774-1

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295
Db 1 CTCTCTCTCTCTCT 14

RESULT 942
US-09-490-774-2

Sequence 2, Application US/09490774
Patent No. 6262036
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: U.S.A.
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,774
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/960,111
FILING DATE:
APPLICATION NUMBER: US/08/238,177
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: other nucleic acid
TOPOLOGY: linear
HYPOTHETICAL: no
ANTI-SENSE: yes
FEATURE:
NAME/KEY: CU oligomer
IDENTIFICATION METHOD: synthesis experiment
US-09-490-774-2

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 6.5e+02;
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295
Db 1 CUCUCUCUCUCUCU 14

RESULT 943
US-09-490-774-10/C
Sequence 10, Application US/09490774
Patent No. 6262036
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.

CITY: Los Angeles
STATE: CA
COUNTRY: U.S.A.
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,774
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/960,111
FILING DATE:
APPLICATION NUMBER: US/08/238,177
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FEATURE:
NAME/KEY: oligomers 2323-1, 2253-1, 2252-1
IDENTIFICATION METHOD: synthesis experiments
OTHER INFORMATION: complementary to synthetic RNA
OTHER INFORMATION: target
US-09-490-774-10

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTCT 295
DB 14 CTCCTCTCTCTCT 1

RESULT 944
US-09-349-035-4
Sequence 4, Application US/09349035
Patent No. 6414135
GENERAL INFORMATION:
APPLICANT: Cook, Philip Dan
APPLICANT: Wang, Tingmin
APPLICANT: Manoharan, Muthiah
APPLICANT: An, Haoyun
TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Monomers and Related Compounds
FILE REFERENCE: 1s1s-3111
CURRENT APPLICATION NUMBER: US/09/349,035
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patent version 3.1
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature

LOCATION: (4)..(5)
OTHER INFORMATION: *=3'-methylenephosphonate linkage; M=2'-O-methyl nucleotide
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: n=5-methyluridine
US-09-349-035-4

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 279 TTTTCTCTCTCTCT 293
DB 1 TTTTCTCTCTCTCT 15

RESULT 945
US-08-373-124A-1625
Sequence 1625, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1625:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1625

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8.3e+02;

Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 2320 AAAAAATCAAGCAG 2333
Db 2 AAAAAATCAAGCAG 15

RESULT 946
US-08-435-628-1625
Sequence 1625, Application US/08435628
Patent No. 5817756
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1625:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1625

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 8.3e+02;
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2320 AAAAAATCAAGCAG 2333
Db 2 AAAAAATCAAGCAG 15

RESULT 947
US-08-584-040-2349
Sequence 2349, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2349:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2349

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8.3e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 363 CAGGAAGTCAGTCA 376
Db 1 CAGGAAGTCAGTCA 14

RESULT 948
US-09-371-772B-894
Sequence 894, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

```

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (2/37/1998)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 894
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-894

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8.3e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      363 CAGGAAGCTGCTCA 376
Db      1 CAGGAAGCTGCTCA 14

RESULT 949
US-09-866-108A-6402
; Sequence 6402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6402

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      3059 GATCAAGCTGCTCA 3072
Db      1 GATCAAGCTGCTCA 14

RESULT 951
US-09-404-912-348/c
; Sequence 348, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; Genotyping and DNA Analysis
```

```

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCAG 3071
Db      4 AGATCAAGCTGCAG 17

RESULT 950
US-09-866-108A-6406
; Sequence 6406, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6406
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6406

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3059 GATCAAGCTGCTCA 3072
Db      1 GATCAAGCTGCTCA 14

RESULT 951
US-09-404-912-348/c
; Sequence 348, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; Genotyping and DNA Analysis
```

FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 348
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-404-912-348

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2895 TACCTGCTAGACCA 2908
Db 15 TACCTGCTAGACCA 2

RESULT 952
US-07-903-466-28
Sequence 28, Application US/07903466
Patent No. 5395767
GENERAL INFORMATION:
APPLICANT: Murnane, John P.
APPLICANT: Painter, Robert B.
APPLICANT: Kapp, Leon N.
APPLICANT: Yu, Loh C.
TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
TITLE OF INVENTION: Complementatation Group D (ATC)
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: Stewart Street Tower, 18th Fl., One Market
STREET: Plaza
CITY: San Francisco
STATE: California
COUNTRY: San Francisco
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/903,466
FILING DATE: 19920622
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: 91-077-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-777-9275
TELEFAX: 415-543-4219
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: PCR primer
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-903-466-28

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1784 GTTCTCTCAAGG 1797
Db 5 GTTCTCTCAAGG 18

RESULT 953
US-08-096-277-9
Sequence 9, Application US/08096277
Patent No. 5578482
GENERAL INFORMATION:
APPLICANT: Lipman, Marc E
APPLICANT: Lipu, Ruth
TITLE OF INVENTION: Ligand Growth Factors that Bind to the
TITLE OF INVENTION: erbB-2 Receptor Protein and Induce Cellular Response
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/096,277
FILING DATE: 26-JUL-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/875,788
FILING DATE: 29-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/640,497
FILING DATE: 14-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/917,988
FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hoshelt, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02899,43360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBWB UT
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULAR TYPE: DNA (genomic)
US-08-096-277-9

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 552 AAGCGGAGAGCT 565
Db 5 AAGCGGAGAGCT 18

RESULT 954
US-08-550-815-9
Sequence 9, Application US/08550815
Patent No. 5869618
GENERAL INFORMATION:
APPLICANT: Lippman, Marc E
APPLICANT: Lippman, Marc E
TITLE OF INVENTION: Ligand Growth Factors that Bind to the
TITLE OF INVENTION: erdb-2 Receptor Protein and Induce Cellular Response
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner, Birch, McKie & Beckeet
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/550,815
FILING DATE: 31-OCT-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,277
FILING DATE: 26-JUL-1993
APPLICATION NUMBER: US 07/875,788
FILING DATE: 29-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/640,497
FILING DATE: 14-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/917,988
FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hoscheit, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02899,43360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BMB UT
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-550-815-9

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 552 AAGCGGAGGAGCT 565
|||||
DB 5 AAGCGGAGGAGCT 18

RESULT 955
US-09-161-244-44
Sequence 44, Application US/09161244

Patent No. 6004814
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
FILE REFERENCE: RTS-0007
CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 44
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-244-44

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 366 CTCGAGCACTCCAA 3979
|||||
DB 3 CTCGAGCACTCCAA 16

RESULT 956
US-08-703-089-9
Sequence 9, Application US/08703089
Patent No. 6040290
GENERAL INFORMATION:
APPLICANT: Lippman, Marc E
APPLICANT: Lippman, Marc E
TITLE OF INVENTION: Ligand Growth Factors that Bind to the
TITLE OF INVENTION: erdb-2 Receptor Protein and Induce Cellular Response
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner, Birch, McKie & Beckeet
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,089
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,277
FILING DATE: 26-JUL-1993
APPLICATION NUMBER: US 07/875,788
FILING DATE: 29-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/640,497
FILING DATE: 14-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/917,988
FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hoscheit, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02899,43360

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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-703-089-9

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 552 AAGCGGAGAGACT 565
DB 5 AAGCGGAGAGACT 18

RESULT 957
US-09-203-623-36
Sequence 36, Application US/09203623
Patent No. 6140084
GENERAL INFORMATION:
APPLICANT: Shepard, Paul O.
TITLE OF INVENTION: HUMAN THYROID PROTEIN, ZSIG45
FILE REFERENCE: 97-62
CURRENT APPLICATION NUMBER: US/09/203,623
CURRENT FILING DATE: 1998-12-01
EARLIER APPLICATION NUMBER: US 60/067,293
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC15763
US-09-203-623-36

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2997 CAGCTGCCCATCTA 3010
DB 3 CAGCTGCCCATCTA 16

RESULT 958
US-09-071-433-22/C
Sequence 22, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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US-09-071-433-22
Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4230 CACAGAGTTCACTG 4243
DB 14 CACAGAGTTCACTG 1

RESULT 959
US-09-523-462-36
Sequence 36, Application US/09523462
Patent No. 6486304
GENERAL INFORMATION:
APPLICANT: Shepard, Paul O.
APPLICANT: Deisher, Theresa A.
TITLE OF INVENTION: HUMAN THYROID PROTEIN, ZSIG45
FILE REFERENCE: 97-62
CURRENT APPLICATION NUMBER: US/09/523,462
CURRENT FILING DATE: 2000-03-10
EARLIER APPLICATION NUMBER: US 60/067,293
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC15763
US-09-523-462-36

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2997 CAGCTGCCCATCTA 3010
DB 3 CAGCTGCCCATCTA 16

RESULT 960
US-09-522-980-36
Sequence 36, Application US/09522980
Patent No. 6500925
GENERAL INFORMATION:
APPLICANT: Shepard, Paul O.
APPLICANT: Deisher, Theresa A.
TITLE OF INVENTION: HUMAN THYROID PROTEIN, ZSIG45
FILE REFERENCE: 97-62
CURRENT APPLICATION NUMBER: US/09/522,980
CURRENT FILING DATE: 2000-03-10
EARLIER APPLICATION NUMBER: US 60/067,293
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC15763
US-09-522-980-36

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2997 CAGCTGCCCATCTA 3010
DB 3 CAGCTGCCCATCTA 16
```



```
RESULT 961
US-09-422-978-5578/c
; Sequence 5578, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumentfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5578
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-5379 for SEQ 1644,
US-09-422-978-5578

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Pred. No. 9.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4787 CAGTCTTGCTG 4800
DB 15 CAGTCTTGCTG 2

RESULT 962
PCT-US93-05794-28
; Sequence 28, Application PC/TUS9305794
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Gene for Ataxia-telangiectasia
; TITLE OF INVENTION: Complementation Group D (ATDC)
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Leona L. Lauder
; STREET: 177 Post Street, Suite 800
; CITY: San Francisco
; STATE: California
; COUNTRY: San Francisco
; ZIP: 94108-4731
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05794
; FILING DATE: 19930618
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/903,466
; FILING DATE: 22-JUN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: 91-077-1 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-421-4973
; TELEFAX: 415-421-1663
```

```
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: PCR primer
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US93-05794-28

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 18;
Pred. No. 9.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1784 GTTCTCTCAGG 1797
DB 5 GTTCTCTCAGG 18

RESULT 963
US-09-696-791-3595
; Sequence 3595, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tlitz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3595
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3595

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 19;
Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2135 GACTTCAGAGTG 2148
DB 6 GACTTCAGAGTG 19

RESULT 964
US-09-696-791-3596
; Sequence 3596, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tlitz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3596
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3596
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Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2135 GACTTCAGAGAGTG 2148
DB 5 GACTTCAGAGAGTG 18

RESULT 965

US-08-355-824-5
Sequence 5, Application US/08355824
Patent No. 5583023
GENERAL INFORMATION:
APPLICANT: CERUTTI, Martine
APPLICANT: CROIZIER, Guy
APPLICANT: CROIZIER, Liliane
APPLICANT: DEVAUCHELLE, Gerard
TITLE OF INVENTION: MODIFIED BACULOVIRUS, ITS PREPARATION
TITLE OF INVENTION: PROCESS AND ITS APPLICATION AS A GENE EXPRESSION VECTOR
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/355,824
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/908,188
FILING DATE: 01-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-54434-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: misc_binding
LOCATION: 5..20
OTHER INFORMATION: /note="SEQ ID NO:5 is covalently
OTHER INFORMATION: bound between bases 5 to 20 to complementary
OTHER INFORMATION: strand, SEQ ID NO:4."
US-08-355-824-5

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4142 TCTCCCGGAGCCTC 4155
DB 3 TCTCCCGGAGCCTC 16

RESULT 966

US-08-910-629A-36

Sequence 36, Application US/08910629A

Patent No. 5877309
GENERAL INFORMATION:
APPLICANT: Robert A. McKay
APPLICANT: Nicholas M. Dean
APPLICANT: Brett Monla
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-910-629A-36

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAGAGTGCGC 1893
DB 1 TGAGAGAGTGCGC 14

RESULT 967

US-09-287-796-36
Sequence 36, Application US/09287796A
Patent No. 6133246
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monla, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0350
CURRENT APPLICATION NUMBER: US/09/287,796A
CURRENT FILING DATE: 1999-04-07
EARLIER APPLICATION NUMBER: 09/130,616
EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629

EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-287-796-36

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAGAGTGGC 1893
Db 1 TGAGAGAGTGGC 14

RESULT 968
US-09-444-053-73
Sequence 73; Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-73

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4352 CTCGTTGAGGGCGC 4365
Db 6 CTCGTTGAGGGCGC 19

RESULT 969
US-09-435-296-24
Sequence 24; Application US/09435296
Patent No. 6171860
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-24

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4042 GGCCACGAGGCGCT 4055

Db 3 GGCCACGAGGCGCT 16

RESULT 970
US-09-130-616-36
Sequence 36; Application US/09130616C
Patent No. 6221850
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
FILE REFERENCE: ISPH-0318
CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-130-616-36

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAGAGTGGC 1893
Db 1 TGAGAGAGTGGC 14

RESULT 971
US-09-488-744A-85/C
Sequence 85; Application US/09488744A
Patent No. 6287860
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
FILE REFERENCE: RTS-0108
CURRENT APPLICATION NUMBER: US/09/488,744A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-744A-85

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4426 TTAATTAATAAT 4439
Db 16 TTAATTAATAAT 3

RESULT 972
US-09-780-175-25

```
/ Sequence 25, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-25

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2295 ACCTGGAGGACGA 2308
Db      7  ACCTGGAGGACGA 20
|||||

RESULT 973
US-09-422-978-11201/c
; Sequence 11201, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-3373 for SEQ 3336, in compleme
US-09-422-978-11201

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4562 CACGAGTTAAAC 4575
Db      20  CACGAGTTAAAC 7
|||||

RESULT 974
US-09-705-267A-177
; Sequence 177, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan W. Freier
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/ APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-177

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4209 GGGCCTAGCTTCTG 4222
Db      7  GGGCCTAGCTTCTG 20
|||||

RESULT 975
US-09-198-452A-6546/c
; Sequence 6546, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaig, R
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6546
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6546

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1671 CTGCAGCAGATGAA 1684
Db      16  CTGCAGCAGATGAA 3
|||||

RESULT 976
US-09-198-452A-6743/c
; Sequence 6743, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaig, R
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6743
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6743

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 562 AGCTGCTTCACG 575
DB 14 AGCTGCTTCACG 1

RESULT 977
US-10-029-517-61/C
Sequence 61, Application US/10029517
Patent No. 6716627
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan J. Myers
TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
FILE REFERENCE: R15-0352
CURRENT APPLICATION NUMBER: US/10/029,517
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 107
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-61

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 384 TGTGGCAGCAGCC 397
DB 15 TGTGGCAGCAGCC 2

RESULT 978
US-09-045-054-42/C
Sequence 42, Application US/09045054
Patent No. 6200754
GENERAL INFORMATION:
APPLICANT: HOUSMAN, DAVID E.
APPLICANT: LEDLEY, FRED D.
APPLICANT: STANTON, VINCENT P., JR.
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
FILE REFERENCE: 233/055
CURRENT APPLICATION NUMBER: US/09/045,054
CURRENT FILING DATE: 1998-03-19
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 42
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: The letter "y" stands for c or t.
US-09-045-054-42

Query Match 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3720 GCGGAGGCGCCGCA 3735
DB 17 GCGGAGGCGCCGCA 2

RESULT 979
US-09-422-978-10682/C
Sequence 10682, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10682
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19155 for SEQ 2817, in compler
US-09-422-978-10682

Query Match 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2374 CAGAGAGAGGAG 2387
DB 21 CAGAGAGAGGAG 8

RESULT 980
US-09-657-472-1891
Sequence 1891, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1891
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1891

Query Match 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 5229 ATGATGAGTCTGCG 5244
DB 5 ATGATGATGCTGCG 20

RESULT 981
US-09-657-472-2141/C

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; Sequence 2141, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2141
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2141

Query Match      0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      4201 TCAGGAAGGCGCTAG 4216
        |||||:|||||
Db      16 TCAGGAAGGCGCCAG 1

RESULT 982
US-09-657-472-2380
; Sequence 2380, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2380
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2380

Query Match      0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      4079 AAGCCTGAGTGAGCT 4094
        |||||:|||||
Db      4 AAGCCTGAGTGAGAT 19
```

```
RESULT 983
US-07-954-830-2/c
; Sequence 2, Application US/07954830
; Patent No. 5356777
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Eric P.
; APPLICANT: Spier, Sharon J.
; APPLICANT: Rudolf, Jeffrey A.
; APPLICANT: Byrns, Glen
; APPLICANT: Bernoco, Domenico
; TITLE OF INVENTION: Methods Of Detecting Periodic
; TITLE OF INVENTION: Paralysis In Horses
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSER: University of Pittsburgh
; STREET: Office of Intellectual Property
; STREET: 911 William Pitt Union
; CITY: Pittsburgh
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15260
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5-1/4" low density diskette
; COMPUTER: IBM PC or compatibles
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,830
; FILING DATE: 19921001
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Frederick H. Colen; Mary-Elizabeth Buckles
; REGISTRATION NUMBER: 28,061; 31,907
; REFERENCE/DOCKET NUMBER: 92-232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 412/288-4164
; TELEFAX: 412/288-3063
; TELEX: 277871
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHEetical: yes
; ANTI-SENSE: no
; ORIGINAL SOURCE: muscle mRNA
; ORGANISM: horse
; STRAIN: Quarter Horse
; TISSUE TYPE: adult skeletal muscle
; CELL TYPE: myofiber
; FEATURE:
; NAME/KEY: sequence of horse sodium channel gene
; NAME/KEY: containing mutation causing hyperaetemic periodic
; NAME/KEY: paralysis
; LOCATION: domain IV, region S3
; IDENTIFICATION METHOD: cross-species RT-PCR using
; IDENTIFICATION METHOD: previously described rat and human sequences
; OTHER INFORMATION: complete horse sequence not
; OTHER INFORMATION: known; corresponds to nucleotides of human sequence
; PUBLICATION INFORMATION:
; AUTHORS: RUDOLPH, J.A.
; AUTHORS: SPIER, S.J.
; AUTHORS: BYRNS, G.
; AUTHORS: ROJAS, C.V.
; AUTHORS: BERNOCO, D.
; AUTHORS: HOFFMAN, E.P.
; TITLE: Periodic Paralysis In Quarter Horses: A
```

;; TITLE: Sodium Channel Mutation Disseminated By Selective
;; TITLE: Breeding Nature Genetics
;; JOURNAL: 2
;; VOLUME: 2
;; PAGES: 144-147
;; DATE: 1992
;; RELEVANT RESIDUES IN SEQ ID NO: 2: From 1 to 17
US-07-954-830-2

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3543 ACCAAGCCCAAGATGTT 3559
DB 17 ACCAAGTCAAGATGTT 1

RESULT 984
US-08-242-664-32/c
; Sequence 32, Application US/08242664
; Patent No. 5571937
; GENERAL INFORMATION:
; APPLICANT: Matanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44MB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/242,664
; FILING DATE: May 12, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-242-664-32

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCT 283
DB 17 CCCATCTCTCTCT 1

RESULT 985
US-08-373-124A-1437
; Sequence 1437, Application US/08373124A
; Patent No. 5646042

;; GENERAL INFORMATION:
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Draper, Kenneth
;; APPLICANT: McSwigen, James
;; APPLICANT: Jarvis, Thale
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
;; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1437:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-1437

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 9.1e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2044 CAGGCAUUCACCAACACA 2060
DB 1 CAGGCAUUCACCAACACA 17

RESULT 986
US-08-373-124A-1471
; Sequence 1471, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;;
;; MEDIUM TYPE: Storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/373,124A
;; FILING DATE: January 13, 1995
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 08/192,943
;; FILING DATE: February 7, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; APPLICATION NUMBER: 07/936,422
;; FILING DATE: August 26, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/035
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;;
;; INFORMATION FOR SEQ ID NO: 1471:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
US-08-373-124A-1471

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 9.1e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3153 AAGAGCTCACCAGCA 3169
DB 1 AAGUGCCUACACGCA 17

RESULT 987
US-08-484-138-32/C
; Sequence 32, Application US/08484138
; Patent No. 5652350
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/484,138
;; FILING DATE: June 7, 1995
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: White, John P.
;; REGISTRATION NUMBER: 28,678
;; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 212-977-9550
;; TELEFAX: 212-664-0525
;; INFORMATION FOR SEQ ID NO: 32:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;;
US-08-484-138-32

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCT 283
DB 17 CCCATCTCTCTCTCT 1

RESULT 988
US-08-782-047-9/C
; Sequence 9, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/760,246
; FILING DATE: December 4, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/749,431
; FILING DATE: No. 5795726ember 15, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/748,229
; FILING DATE: No. 5795726ember 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIO-011CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-782-047-9

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 GCAAGACGGAGCTTC 596
Db 17 GCAAGACGGAGCTTC 1

RESULT 989
US-08-782-047-27/c
Sequence 27, Application US/08782047
Patent No. 5795726
GENERAL INFORMATION:
APPLICANT: Gluckmann, M. Alexandra
TITLE OF INVENTION: Therapeutic Compositions and Methods and Diagnostic Assa
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782.047
FILING DATE: January 10, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
FILING DATE: No. 5795726ember 15, 1996
APPLICATION DATA:
APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIO-011CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-782-047-27

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 GCAAGACGGAGCTTC 596
Db 17 GCAAGACGGAGCTTC 1

RESULT 990
US-08-749-431A-24/c
Sequence 24, Application US/08749431A
Patent No. 580098
GENERAL INFORMATION:
APPLICANT: Gluckmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,431A
FILING DATE: 15-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-749-431A-24

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 GCAAGACGGAGCTTC 596
Db 17 GCAAGACGGAGCTTC 1

RESULT 991
US-08-758-306-1077
Sequence 1077, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/759,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1077:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-1077

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 9.1e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1490 TAGAAGTCCAGATG 1506
Db 1 UAAAGAACUCCAAUG 17

RESULT 992
US-08-435-628-1437
Sequence 1437 Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1437:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1437

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 9.1e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2044 CAGGATTCGACACACA 2060
Db 1 CAGGCAUUDACACACA 17

RESULT 993
US-08-435-628-1471
Sequence 1471 Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Waidburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1471:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1471

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 9.1e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3153 AAGAGCCTCACGACCA 3169
DB 1 AAGUGCCUCACGACCA 17

RESULT 994
US-08-497-535-17/c
Sequence 17, Application US/08497535
Patent No. 5856094
GENERAL INFORMATION:
APPLICANT: Sidransky, David
APPLICANT: Baylitt, Stephen
TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/497,535
FILING DATE: 30-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/061001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-497-535-17

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3633 ATGCCGGGAAGAAC 3649

DB 17 ATGCCGGGAAGATCCC 1

RESULT 995
US-08-852-407-3
Sequence 3, Application US/08852407
Patent No. 5942394
GENERAL INFORMATION:
APPLICANT: Ellis, John Timothy et al.
TITLE OF INVENTION: Detection of Protozoan Parasites
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Barbara G. Ernst
STREET: 555 13TH STREET, NW Suite 701E
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/852,407
FILING DATE: 07-MAY-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, Barbara G.
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1871-0122
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-852-407-3

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4828 TCCAGTGAGAGATCTG 4844
DB 1 TCCATTGAGAGATTGG 17

RESULT 996
US-08-985-162-540/c
Sequence 540, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3633 ATGCCGGGAAGAAC 3649

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230,107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 540:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-540

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9,1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2533 TCCTCTGGAAGCTTTAT 2549

DB 17 TCCTCTGGAAGCTTGT 1

RESULT 997
US-08-924-870A-9/C
Sequence 9, Application US/08924870A
Patent No. 6143491
GENERAL INFORMATION:
APPLICANT: Gl ckemann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ. ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-9

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9,1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 GCAAGACGGGAGCTTC 596

DB 17 GCAAGACGGGAGCTTGC 1

RESULT 998
US-08-924-870A-27/C
Sequence 27, Application US/08924870A
Patent No. 6143491
GENERAL INFORMATION:
APPLICANT: Gl ckemann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ. ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-27

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9,1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 GCAAGACGGGAGCTTC 596

DB 17 GCAAGACGGGAGCTTGC 1

Db 17 GCAAGACGGGATCTGC 1

RESULT 999.

US-09-286-529-14/c
Sequence 14, Application US/09286529
Patent No. 6297367

GENERAL INFORMATION:

APPLICANT: Catherine Tibboulley
TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES

FILE REFERENCE: 1408.003/200130.439C1
CURRENT APPLICATION NUMBER: US/09/286,529

CURRENT FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 25

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 14

LENGTH: 17
TYPE: DNA

ORGANISM: human
US-09-286-529-14

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2498 GATGAGTCACTTGC 2514

Db 17 GATGAGTCACTTGC 1

RESULT 1000

US-08-584-040-5988
Sequence 5988, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5988:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-08-584-040-5988

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 9.1e+02;

Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 4185 GCAAGCTTGTGTTT 4201

Db 1 GCAAGCTTGTGTTT 17

RESULT 1001

US-08-584-040-7226
Sequence 7226, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7226:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-08-584-040-7226

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 9.1e+02;

Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy	510	ACCATGGTCCCTGCTG	526
		: :	: : :
Db	1	ACCAUGGUCAGCUGCUG	17

RESULT 1002
US-08-584-040-7867/c
; Sequence 7867, Application US/08584040
; Patent No. 6346398

1 GENERAL INFORMATION:
2 APPLICANT: Pavco, Pamela
3 APPLICANT: McSwiggen, James
4 APPLICANT: Stinchcomb, Dan T.
5 APPLICANT: Escobedo, Jaime
6 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
7 TITLE OF INVENTION: TREATMENT OF DISEASES OR
8 TITLE OF INVENTION: CONDITIONS RELATED TO LEVEL
9 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
10 TITLE OF INVENTION: GROWTH FACTOR
11 NUMBER OF SEQUENCES: 8502
12 CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: word perfect 5.1
CURRENT APPLICATION DATA:

Query Match	0.3%	Score 13.8	DB 1	Length 17
Best Local Similarity	88.2%	Pred No. 9.1e+02		
Matches 15	Conservative 0	Mismatches 2	Indels 0	Gaps 0

RESULT 1003
US-09-527-030G-94/c
; Sequence 94, Application US/09527030G
; Patent No. 6482588
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al

;; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
;; TITLE OF INVENTION: specific reverse hybridization.

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; FILE REFERENCE: 3501-0101P
; 
; CURRENT APPLICATION NUMBER: US/09/527, 030G
; CURRENT FILING DATE: 2000-03-16
; ATTORNEY: J. A. ...
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Query Match	0.3%	Score	13.8	DB	1	Length	17
Best Local Similarity	88.2%	Pred. No.	9	1e+02			
Matches	15	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

QY 998 ATTGTTCCAGCGACTGC 1014
|||
Db 17 ATTGTTCCAGCAATGC 1

Query March	0.34	Score	13.8	DB 1	Length	17
Best Local Similarity	82.4%	Pred.	0.9	1e+02		
Matches 14	Conservative	1	Mismatches	2	Indels	0
					Gaps	0

RESULT 1005
US-09-474-432B-835
; Sequence 835, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Beigelman, Leo

```

; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 835
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-835

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3315 GACCAGCAGCCGACG 3331
DB 1 GACCUCAGCCGCCGACG 17

RESULT 1006
US-09-371-772B-2825
; Sequence 2825, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2825
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2825

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Pred. No. 9.1e+02;
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 4185 GCAAGCTTGCTGTTT 4201
DB 1 GCAAGCUCUGUGUGUGU 17

RESULT 1007
US-09-371-772B-3040

; Sequence 3040, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3040
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3040

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Pred. No. 9.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 510 ACCAGTCCCTGCTG 526
DB 1 ACCAUGGUCAGCUGUG 17

RESULT 1008
US-09-371-772B-3650/C
; Sequence 3650, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3650
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3650

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3181 AGCAGTGGAGAGTACT 3197
DB 17 AGGATGAGAGTACT 1

RESULT 1009
US-09-476-387-467
; Sequence 467, Application US/09476387
```

```
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
/ FILE REFERENCE: MBH800-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ PRIOR FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 467
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-467
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Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 9.1e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
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QY      3312 CCTGACCGAGCCGCCAC 3328
      11:|||||
DB      1 CCUGACCCGAGCCGCC 17
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RESULT 1010
US-09-476-387-834
/ Sequence 834, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
/ FILE REFERENCE: MBH800-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ PRIOR FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 834
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-834
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```
Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      3315 GACGACGAGCCCGACG 3331
      11:|||||
DB      1 GACGACGAGCCCGACG 17
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RESULT 1011
US-09-401-063-540/C
/ Sequence 540, Application US/09401063
/ Patent No. 6623962
/ GENERAL INFORMATION:
/ APPLICANT: Akhtar, Saghir
/ APPLICANT: McSwigen, James
/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/ TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/ TITLE OF INVENTION: FACTOR RECEPTORS
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 613 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FASESEQ for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/401,063
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/985,162
/ FILING DATE: 04 December 1997
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 540:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-401-063-540
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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QY      2533 TCCTCTGGAAGCTTAT 2549
      11:|||||
DB      17 TCCTCTGGAAGCTTGT 1
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```
RESULT 1012
US-09-866-108A-695
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```
; Sequence 695, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 695
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-695

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1753  ACCGCCCCCTCCCAAG 1769
Db      1  ACCGCCCCCTGCGAG 17

RESULT 1013
; US-09-866-108A-696
; Sequence 696, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
```

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; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 696
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-696

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1754  CGCCCCCTCCCAAGA 1770
Db      1  CGCCCCCTGCGAGA 17

RESULT 1014
; US-09-866-108A-1343
; Sequence 1343, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
```

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/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO. 1343
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1343
```

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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      769 ACAAGAGGAAACATG 785
Db      1 ATAGAGAGGAAAGATG 17
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RESULT 1015
US-09-866-108A-1437/c
/ Sequence 1437, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU Yizhong
/ APPLICANT: UI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO. 1437
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1437
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      3682 CCAGCATGCTGCTACCC 3698
Db      17 CCACCATGTGCTACCC 1
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RESULT 1016

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US-09-866-108A-1480
/ Sequence 1480, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU Yizhong
/ APPLICANT: UI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO. 1480
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1480
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```
Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      204 GGCTGGCAAGAAAGCCG 220
Db      1 GGCTGGCAAGAAAGCCG 17
```

```
RESULT 1017
US-09-866-108A-1682/c
/ Sequence 1682, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU Yizhong
/ APPLICANT: UI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1682
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1682

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1255 GTCCTCAGTCTCTGCT 1271
Db      17 GTCCTCAGAGCCTGCT 1

RESULT 1018
US-09-866-108A-6485/C
; Sequence 6485, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6485
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6485

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      564 CTCCTTCCAGACAGCAG 580
Db      17 CTCCTTCCAGACAGCAG 1

RESULT 1019
US-09-866-108A-7601/C
; Sequence 7601, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7601
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7601

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      375 CAGTTAAGCTGTGCGCA 391
Db      17 CAGTTAAGCTGTGCGCA 1
```

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RESULT 1020
US-09-866-108A-7775/c
; Sequence 7775, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7775
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7775

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      150 ACCTGCCTGAGCACT 166
Db      17 ACCTCCACCGAGCACT 1

RESULT 1021
US-09-866-108A-7794
; Sequence 7794, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7794
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7794

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1663 GCCAGCTCTGAGCAGC 1679
Db      1 GCCAGCTTCCAGCAGC 17

RESULT 1022
US-09-866-108A-8145
; Sequence 8145, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8145
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8145

Query Match
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 814 TGCCTGAGGAGAG 830
Db 1 TGCCTGAGGAGAG 17

RESULT 1023
US-09-866-108A-8200/C
; Sequence 8200, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8200
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8200

Query Match
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3871 CCATCAAGCCTTCCAGA 3887
Db 17 CCATCAAGCCTTCCAAA 1
```

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RESULT 1024
US-09-866-108A-10358
; Sequence 10358, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10358
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10358

Query Match
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 GAGCCCAAGAGGATCC 940
Db 1 GAGCCCAAGAGGATCC 17

RESULT 1025
US-09-866-108A-10449
; Sequence 10449, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
```

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10449
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10449

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3615 GACCAGAAATCCCCCA 3631
DB 1 GACCAGAAATCCACGA 17

RESULT 1026
US-09-954-736A-10
Sequence 10, Application US/09954736A
Patent No. 6689744
GENERAL INFORMATION:
APPLICANT: Gao, Wei-Qiang
APPLICANT: Koepfen, Hartmut
APPLICANT: Ross, Sara Jane
APPLICANT: Shou, Jianyong
TITLE OF INVENTION: NOTCH RECEPTOR AGONISTS AND USES
FILE REFERENCE: P1848R1
CURRENT APPLICATION NUMBER: US/09/954,736A
PRIOR FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US 60/234,674
PRIOR FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 21
SEQ ID NO 10
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-954-736A-10

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1970 CATCCGATCGTGTGC 1986
DB 1 CAACCGCATCGTGTGC 17

RESULT 1027
PCT-US95-06379-32/c

Sequence 32, Application PC/TUS9506379
GENERAL INFORMATION:
APPLICANT: Matanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-32

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTTCT 283
DB 17 CCCATCTCTCTTCT 1

RESULT 1028
PCT-US96-06666-17/c
Sequence 17, Application PC/TUS9606666
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine
TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC
TITLE OF INVENTION: CELLS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/06666
FILING DATE: 10-MAY-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:

NAME: Haile Ph.D, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/061N01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US96-06666-17

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3633 ATGCGCGGAAGGACC 3649
Db 17 ATGCGCGGAAGGATCCC 1

RESULT 1029
US-07-741-940-39/C
Sequence 39, Application US/07741940
Patent No. 535275
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, HANS
APPLICANT: ANAND, RAKESH
APPLICANT: CARLSON, MARY
APPLICANT: GRODEN, JOANNA
APPLICANT: HEDGE, PHILIP J.
APPLICANT: JOSLYN, GEOFF
APPLICANT: KINZLER, KENNETH
APPLICANT: MARKHAM, ALEXANDER F.
APPLICANT: NAKAMURA, YUSUKE
APPLICANT: THLIVERIS, ANDREW
TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
TITLE OF INVENTION: GENE IN COLORECTAL CANCER IN HUMANS
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, NW
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20001-4598
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/741,940
FILING DATE: 19920109
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 1107.035574
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
ORIGINAL SOURCE:

ORGANISM: Homo sapiens
US-07-741-940-39

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3792 AGGCGCGCGCGCGGA 3808
Db 17 AGAGCGCAGCGCGGGA 1

RESULT 1030
US-07-864-475A-14/C
Sequence 14, Application US/07864475A
Patent No. 5494806
GENERAL INFORMATION:
APPLICANT: Segre, Gino V.
APPLICANT: Kronenberg, Henry M.
APPLICANT: Abou-Samra, Abdul-Badi
APPLICANT: Juppner, Harald
APPLICANT: Potts, John T. [Jr.]
APPLICANT: Schipani, Ernestina
TITLE OF INVENTION: PARATHYROID HORMONE RECEPTOR
TITLE OF INVENTION: AND DNA ENCODING SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM PS/2 Model 502 or 555X
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/864,475A
FILING DATE: 04-06-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/681,702
FILING DATE: 05-04-1991
ATTORNEY/AGENT INFORMATION:
NAME: Paul T. Clark
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/071002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-07-864-475A-14

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2905 ACCAGCAGTCTCATC 2921
Db 18 ACCTGACAGCTCATC 2

RESULT 1031
US-08-384-490-10
Sequence 10, Application US/08384490

```
/ Patent No. 5618711
/ GENERAL INFORMATION:
/ APPLICANT: Gelfand, David H.
/ APPLICANT: Lawyer, Frances C.
/ TITLE OF INVENTION: Recombinant Expression Vectors and
/ TITLE OF INVENTION: Purification Methods for Thermus thermophilus DNA
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/384,490
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/148,133
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Stas, Stacey R.
/ REGISTRATION NUMBER: 32,630
/ REFERENCE/DOCKET NUMBER: 8887
/ TELEPHONE: (510) 814-2863
/ TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-384-490-10

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3884 CAGATCGAATCACC 3900
DB 1 CAGATCTGATATCACC 17

RESULT 1032
US-08-279-751B-41/c
/ Sequence 41, Application US/08279751B
/ Patent No. 5629413
/ GENERAL INFORMATION:
/ APPLICANT: Todd C. Peterson
/ APPLICANT: Jorge Velarde, Jr.
/ TITLE OF INVENTION: OLIGONUCLEOTIDES WITH
/ TITLE OF INVENTION: ACTIVITY AGAINST HUMAN
/ TITLE OF INVENTION: IMMUNODEFICIENCY
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
```

```
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 6.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/279,751B
/ FILING DATE: July 19, 1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/094,390
/ FILING DATE: July 19, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Heber, Sheldon O.
/ REGISTRATION NUMBER: 38,179
/ REFERENCE/DOCKET NUMBER: 208/075
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEPHONE: (213) 955-0440
/ INFORMATION FOR SEQ ID NO: 41:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-279-751B-41

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5149 TTTCACATAGCAGAT 5165
DB 17 TGTGACATAGCAGAT 1

RESULT 1033
US-08-279-751B-88/c
/ Sequence 88, Application US/08279751B
/ Patent No. 5629413
/ GENERAL INFORMATION:
/ APPLICANT: Todd C. Peterson
/ APPLICANT: Jorge Velarde, Jr.
/ TITLE OF INVENTION: OLIGONUCLEOTIDES WITH
/ TITLE OF INVENTION: ACTIVITY AGAINST HUMAN
/ TITLE OF INVENTION: IMMUNODEFICIENCY
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 6.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/279,751B
/ FILING DATE: July 19, 1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/094,390
/ FILING DATE: July 19, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Heber, Sheldon O.
/ REGISTRATION NUMBER: 38,179
/ REFERENCE/DOCKET NUMBER: 208/075
```


TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 88:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-279-7518-88

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5149 TTTCACATGACAGAA 5165
DB 17 TGTGACATGACAGAA 1

RESULT 1034
US-08-384-367-6
Sequence 6, Application US/08384367
Patent No. 5629469
GENERAL INFORMATION:
APPLICANT: Deluca-Flaherty, Camille
APPLICANT: Chan, Victor J.
APPLICANT: Scarafia C., Lilliana E.
APPLICANT: Brunke, Karen J.
TITLE OF INVENTION: NOVEL THIOL PROTEASE INHIBITOR
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sandoz Agro, Inc.
STREET: 975 California Avenue
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,367
FILING DATE: 10-FEB-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/208,571
FILING DATE: 10-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marcus-Wyner, Lynn
REGISTRATION NUMBER: 34,869
REFERENCE/DOCKET NUMBER: 135-1088/C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/354-3588
TELEFAX: 415/857-1125
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-384-367-6

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1096 CTGAATTGTGAGACA 1112
DB 1 CTGAATTGTGAGACCA 17

RESULT 1035
US-08-320-559-9/C
Sequence 9, Application US/08320559
Patent No. 5631135
GENERAL INFORMATION:
APPLICANT: Croce, Carlo
APPLICANT: Canaan, Eli
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods for
TITLE OF INVENTION: Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5631135ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/320,559
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/062,443
FILING DATE: 14 MAY 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/971,094
FILING DATE: 30-OCT-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/888,830
FILING DATE: 27-MAY-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/805,093
FILING DATE: 11-DEC-91
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TTU-0855
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: No
US-08-320-559-9

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4824 ATTCTCAGTGGAGACA 4840
DB 18 ATCCTCTGTGGAGACA 2

RESULT 1036
US-08-327-392-9/C
Sequence 9, Application US/08327392
Patent No. 5631136
GENERAL INFORMATION:
APPLICANT: Croce, Carlo

APPLICANT: Canaan, Eli
TITLE OF INVENTION: ALI-1 Polynucleotides and Monoclonal
TITLE OF INVENTION: Antibodies for Leukemia Detection and
TITLE OF INVENTION: Treatment
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 563136ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/327,392
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/971,094
FILING DATE: 30-OCT-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/888,830
FILING DATE: 27-MAY-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/805,093
FILING DATE: 11-DEC-91
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1331
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: NO
US-08-327-392-9

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 4824 ATTCTCCAGTGAGAGA 4840
18 ATCTCTCTGTGAGAGA 2

Db 18 ATCTCTCTGTGAGAGA 2

RESULT 1037
US-08-289-548A-39/C
Sequence 39, Application US/08289548A
Patent No. 5648212
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, HANS
APPLICANT: ANAND, RAKESH
APPLICANT: CARLSON, MARY
APPLICANT: GRODEN, JOANNA
APPLICANT: HEDGE, PHILIP J.
APPLICANT: JOSLYN, GEOFF
APPLICANT: KINZLER, KENNETH
APPLICANT: MARKHAM, ALEXANDER F.
APPLICANT: NAKAMURA, YUSUKE
APPLICANT: THLIVERIS, ANDREW
TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
TITLE OF INVENTION: GENE IN COLORECTAL CANCER IN HUMANS
NUMBER OF SEQUENCES: 102

CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, LTD
STREET: 1001 G Street, NW
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20001-4598
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/289,548A
FILING DATE: 12-AUG-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 1107,46943
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-289-548A-39

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 3792 AGGCGCGCGCGCGGGA 3808
17 AGGCGCGCGCGCGGGA 1

Db 17 AGGCGCGCGCGCGGGA 1

RESULT 1038
US-08-452-654-39/C
Sequence 39, Application US/08452654
Patent No. 5691454
GENERAL INFORMATION:
APPLICANT: ALBERTSEN, HANS
APPLICANT: ANAND, RAKESH
APPLICANT: CARLSON, MARY
APPLICANT: GRODEN, JOANNA
APPLICANT: HEDGE, PHILIP J.
APPLICANT: JOSLYN, GEOFF
APPLICANT: KINZLER, KENNETH
APPLICANT: MARKHAM, ALEXANDER F.
APPLICANT: NAKAMURA, YUSUKE
APPLICANT: THLIVERIS, ANDREW
TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
TITLE OF INVENTION: GENE IN COLORECTAL CANCER IN HUMANS
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, NW
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20001-4598
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/452,654
;; FILING DATE: 25-MAY-1995
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/741,940
;; FILING DATE: 08-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kagan, Sarah A. 32,141
;; REGISTRATION NUMBER: 1107.035574
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-508-9100
;; TELEFAX: 202-508-9299
;; INFORMATION FOR SEQ ID NO: 39:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; ORIGINAL SOURCE:
;; ORGANISM: Homo sapiens
;; US-08-452-654-39

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3792 AGGCGCGCGCGCGGCA 3808
Db 17 AGAGCGCGAGCGCGGCA 1

RESULT 1039
US-08-363-240A-1205/C
; Sequence 1205, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bieslager, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 1205:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-363-240A-1205

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4244 CCTGTAGGCTTAGCAC 4260
Db 17 CCTGTAGGCTTAGCAC 1

RESULT 1040
US-08-459-383-10
; Sequence 10, Application US/08459383
; Patent No. 5741690
; GENERAL INFORMATION:
; APPLICANT: Gelfand, David H.
; APPLICANT: Lawyer, Frances C.
; APPLICANT: Stoffel, Susanne
; TITLE OF INVENTION: Recombinant Expression Vectors and
; TITLE OF INVENTION: Purification Methods for Thermophilus DNA
; TITLE OF INVENTION: Polymerase
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,383
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,490
; FILING DATE:
; APPLICATION NUMBER: US/08/148,133
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias, Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8887
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-459-383-10

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3884 CAGATCGAATACACC 3900
Db 1 CAGATCTGATATCAACC 17

RESULT 1041

US-08-452-655B-39/c
; Sequence 39, Application US/08452655B
; Patent No. 5783666
; GENERAL INFORMATION:
; APPLICANT: ALBERTSEN, HANS
; APPLICANT: ANAND, RAKESH
; APPLICANT: CARLSON, MARY
; APPLICANT: GRODEN, JOANNA
; APPLICANT: HEDGE, PHILIP J.
; APPLICANT: JOSLYN, GEORGE
; APPLICANT: KINZLER, KENNETH F.
; APPLICANT: MARKHAM, ALEXANDER F.
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: THLIVERIS, ANDREW
; TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
; TITLE OF INVENTION: GENE IN COLORECTAL CANCER IN HUMANS
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001-4598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,655B
; FILING DATE: 25-MAY-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/289,548
; FILING DATE: 12-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/741,940
; FILING DATE: 08-AUG-1991.
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 1107,49964
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-452-655B-39

Query Match 0.3%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 3792 AGGCGCGCGCGCGGGA 3808
Db 17 AGAGCGCGAGCGCGGGA 1

RESULT 1042

US-08-470-837-21
; Sequence 21, Application US/08470837
; Patent No. 5800811
; GENERAL INFORMATION:
; APPLICANT: Nimni, Marcel E.
; APPLICANT: Hall, Frederick L.
; APPLICANT: Tuan, Tai-Lan
; APPLICANT: Wu, Lingtao
; APPLICANT: Cheung, David T.
; TITLE OF INVENTION: Transforming Growth Factor B Fusion
; TITLE OF INVENTION: and
; TITLE OF INVENTION: Their Use in Wound Healing
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 1150 Santa Monica Boulevard, Suite 400
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90025-3395

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,837
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Sharp, Janice A.
; REGISTRATION NUMBER: 34,051
; REFERENCE/DOCKET NUMBER: 30630-1US01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-445-1140
; TELEFAX: 310-445-9031
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 1
; US-08-470-837-21

Query Match 0.3%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 2912 CATCTCATCAGCATCA 2928
Db 1 CATCATCATCATCATCA 17

RESULT 1043

US-08-800-751-36
; Sequence 36, Application US/08800751
; Patent No. 5807730
; GENERAL INFORMATION:
; APPLICANT: ITO, Kiyoshi
; APPLICANT: YAMAKI, Toshifumi
; APPLICANT: ARII, Teruo
; APPLICANT: TSURUOKA, Miyuki
; APPLICANT: NAKAMURA, Takechi
; TITLE OF INVENTION: NOVEL NITRILE HYDRATASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,751
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 8-027004
FILING DATE: 14-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 028022-007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"

US-08-800-751-36

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3283 TGCCCTGCAGGTGAAG 3299
DB 2 TGCCCTGCAGCAGCAG 18

RESULT 1044
US-08-468-249A-14/C
Sequence 14, Application US/08468249A
Patent No. 5866148
GENERAL INFORMATION:
APPLICANT: Segre et al., Gino V.
TITLE OF INVENTION: PARATHYROID HORMONE RECEPTOR AND DNA
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,249A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/864,475
FILING DATE: 06-APR-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/681,702
FILING DATE: 04-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 00786/071003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-468-249A-14

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2905 ACCAGCAGCTCTCATC 2921
DB 18 ACCTGCAGCCTCATC 2

RESULT 1045
US-08-990-818-36
Sequence 36, Application US/08990818
Patent No. 5910432
GENERAL INFORMATION:
APPLICANT: ITO, Kiyoshi
APPLICANT: YAMAKI, Toshifumi
APPLICANT: ARII, Tetsuo
APPLICANT: TSURUOKA, Miyuki
APPLICANT: NAKAMURA, Takeshi
TITLE OF INVENTION: NOVEL NITRILE HYDRATASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990,818
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/800,751
FILING DATE:
APPLICATION NUMBER: JP 8-027004
FILING DATE: 14-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 028022-007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "synthetic DNA"
US-08-990-818-36

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3283 TGGCCCTGCACGTGAAG 3299
Db 2 TGGCCCTGCACGTGAAG 18

RESULT 1046
US-08-866-958-41/c
Sequence 41, Application US/08866958
Patent No. 5919701
GENERAL INFORMATION:
APPLICANT: Todd C. Peterson
TITLE OF INVENTION: OLIGONUCLEOTIDES WITH
TITLE OF INVENTION: ACTIVITY AGAINST HUMAN
TITLE OF INVENTION: IMMUNODEFICIENCY
NUMBER OF INVENTIONS: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 6.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/866,958
FILING DATE: 02-JUN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/441,941
FILING DATE: 16-MAY-1995
APPLICATION NUMBER: 08/279,751
FILING DATE: July 19, 1994, 751
APPLICATION NUMBER: 08/094,390
FILING DATE: July 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 208/075
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-866-958-41

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5149 TTTCAACATAGCAGAAAT 5165
Db 17 TGTGCACATAGCAGAAAT 1

RESULT 1047
US-08-866-958-88/c
Sequence 88, Application US/08866958
Patent No. 5919701
GENERAL INFORMATION:

APPLICANT: Todd C. Peterson
TITLE OF INVENTION: OLIGONUCLEOTIDES WITH
TITLE OF INVENTION: ACTIVITY AGAINST HUMAN
TITLE OF INVENTION: IMMUNODEFICIENCY
NUMBER OF INVENTIONS: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
OPERATING SYSTEM: IBM P.C. DOS 6.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/866,958
FILING DATE: 02-JUN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/441,941
FILING DATE: 16-MAY-1995
APPLICATION NUMBER: 08/279,751
FILING DATE: July 19, 1994, 751
APPLICATION NUMBER: 08/094,390
FILING DATE: July 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 208/075
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 88:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-866-958-88

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5149 TTTCAACATAGCAGAAAT 5165
Db 17 TGTGCACATAGCAGAAAT 1

RESULT 1048
US-09-205-922-68/c
Sequence 68, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT FILING DATE: 1998-12-04

NUMBER OF SEQ ID NOS: 87
 SEQ ID NO 68
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-205-922-68

Query Match 0.3%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 GAGCAGCAGAACCGCAT 2014
 DB 17 GACACGACGAGAACCGCAT 1

RESULT 1049
 US-08-857-946-14/c
 Sequence 14, Application US/08857946
 Patent No. 5994075

GENERAL INFORMATION:
 APPLICANT: Goodfellow, P.N.
 TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
 NUMBER OF SEQUENCES: 162
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Inc.
 STREET: 75 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109-1807

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/857,946
 FILING DATE: 16-MAY-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/60/017,824
 FILING DATE: 17-MAY-1996

ATTORNEY/AGENT INFORMATION:
 NAME: Kathleen M. Williams
 REGISTRATION NUMBER: 34,380
 TELEPHONE: 617-345-9100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-345-9100

REFERENCE/DOCKET NUMBER: 3529/05573
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-345-9100

INFORMATION FOR SEQ ID NO: 14:
 LENGTH: 18 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 US-08-857-946-14

Query Match 0.3%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3920 GACGCGCGCGCGCGCG 3936
 DB 17 GCCGCGCGCGCGCGCGC 1

RESULT 1050
 US-08-857-946-16/c

Sequence 16, Application US/08857946
 Patent No. 5994075
 GENERAL INFORMATION:
 APPLICANT: Goodfellow, P.N.
 TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
 NUMBER OF SEQUENCES: 162
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Inc.
 STREET: 75 State Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02109-1807

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/857,946
 FILING DATE: 16-MAY-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/60/017,824
 FILING DATE: 17-MAY-1996

ATTORNEY/AGENT INFORMATION:
 NAME: Kathleen M. Williams
 REGISTRATION NUMBER: 34,380
 REFERENCE/DOCKET NUMBER: 3529/05573
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-345-9100
 TELEFAX: 617-345-9111

INFORMATION FOR SEQ ID NO: 16:
 LENGTH: 18 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 US-08-857-946-16

Query Match 0.3%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1712 CGACATGATCACCATCT 1728
 DB 18 CGACATGATCACCATCT 2

RESULT 1051
 US-09-161-244-28
 Sequence 28, Application US/09161244
 Patent No. 6004814

GENERAL INFORMATION:
 APPLICANT: Bennett, C. Frank
 TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
 FILE REFERENCE: RTS-0007
 CURRENT APPLICATION NUMBER: US/09/161,244
 CURRENT FILING DATE: 1998-09-25
 NUMBER OF SEQ ID NOS: 91
 SEQ ID NO 28
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-161-244-28

Query Match 0.3%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 1e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1712 CGACATGATCACCATCT 1728
 DB 18 CGACATGATCACCATCT 2

RESULT 1051
 US-09-161-244-28
 Sequence 28, Application US/09161244
 Patent No. 6004814
 GENERAL INFORMATION:
 APPLICANT: Bennett, C. Frank
 TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
 FILE REFERENCE: RTS-0007
 CURRENT APPLICATION NUMBER: US/09/161,244
 CURRENT FILING DATE: 1998-09-25
 NUMBER OF SEQ ID NOS: 91
 SEQ ID NO 28
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-161-244-28

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4692 CTGCTGTCACGCTC 4708
1 CTGCTGTCACGCTTC 17

Db 1 CTGCTGTCACGCTTC 17

RESULT 1052
US-09-205-921-19
Sequence 19, Application US/09205921A
Patent No. 6008048
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: ex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
CURRENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 19
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-19

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1503 GATGCTTCTGAGACAA 1519
2 GATGCTGCTGAGACGA 18

Db 2 GATGCTGCTGAGACGA 18

RESULT 1053
US-08-970-740-14/c
Sequence 14, Application US/08970740
Patent No. 6015670
GENERAL INFORMATION:
APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
TITLE OF INVENTION: GENE OF INTEREST
NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner & Witcoff, Inc.
STREET: 28 State Street, 28th Floor
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-7111
TELEFAX: 617-227-4399

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-970-740-14

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3920 GAGCCGCGCGCCGCC 3936
17 GCCGCGCGCGCCGCC 1

Db 17 GCCGCGCGCGCCGCC 1

RESULT 1054
US-08-970-740-16/c
Sequence 16, Application US/08970740
Patent No. 6015670
GENERAL INFORMATION:
APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
TITLE OF INVENTION: GENE OF INTEREST
NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner & Witcoff, Inc.
STREET: 28 State Street, 28th Floor
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-7111
TELEFAX: 617-227-4399

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-7111
TELEFAX: 617-227-4399

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1712 CGACATGATCACCATCT 1728
18 CGACATGATCACCATCT 2

Db 18 CGACATGATCACCATCT 2

RESULT 1055
US-09-031-897-10
; Sequence 10, Application US/09031897
; Patent No. 6027895
; GENERAL INFORMATION:
; APPLICANT: Lambowitz, Alan
; APPLICANT: Mohr, Georg
; APPLICANT: Zimmerly, Steven
; APPLICANT: Guo, Huatso
; TITLE OF INVENTION: Methods Cleaving DNA with Nucleotide
; TITLE OF INVENTION: Integrases
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Calfee, Halter & Griswold
; STREET: 800 Superior Avenue, Suite 1400
; CITY: Cleveland
; STATE: Ohio
; COUNTRY: US
; ZIP: 44114
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/031.897
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Docherty, Pamela A.
; REGISTRATION NUMBER: 40,591
; REFERENCE/DOCKET NUMBER: 24671/00105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (216)622-8416
; TELEFAX: (216)241 0816
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-031-897-10
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2912 CATCCATCATCATCA 2928
Db 1 CATCATCATCATCATCA 17
RESULT 1056
US-08-545-860D-9/C
; Sequence 9, Application US/08545860D
; Patent No. 6040140
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Cnaan, Eli
; TITLE OF INVENTION: Diagnostic, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/545,860D
FILING DATE: 07-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04496
FILING DATE: 22-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10930
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/327,392
FILING DATE: 19-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/320,559
FILING DATE: 11-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,443
FILING DATE: 14-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/971,094
FILING DATE: 30-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,839
FILING DATE: 27-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/805,093
FILING DATE: 11-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Deluca Esq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: NO
US-08-545-860D-9
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4824 ATCTCCAGTGGAGAGA 4840
Db 18 ATCTCTCTGTGGAGAGA 2
RESULT 1057
US-09-143-212-44/C
; Sequence 44, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-44

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3920 GAGCGCGCGCGCGCGC 3936
Db 17 GAGCGCGCGCGCGCGC 1

RESULT 1058
US-09-205-143-34/C
; Sequence 34, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-34

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 314 AGGAAGTTCTCCGCAGC 330
Db 18 AGGACGTGCTCCGCAGC 2

RESULT 1059
US-08-450-582-39/C
; Sequence 39, Application US/08450582
; Patent No. 6114124
; GENERAL INFORMATION:
; APPLICANT: ALBERTSEN, HANS
; APPLICANT: ANAND, RAKESH
; APPLICANT: CARLSON, MARY
; APPLICANT: GRODEN, JOANNA
; APPLICANT: HEDGE, PHILIP J.
; APPLICANT: JOSLYN, GEOFF
; APPLICANT: KINZLER, KENNETH
; APPLICANT: MARKHAM, ALEXANDER F.
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: THILVERIS, ANDREW
; TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20001-4598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA
; APPLICATION NUMBER: US/08/450,582
; FILING DATE:
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/ CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/452,655
; FILING DATE: 25-MAY-1995
; APPLICATION NUMBER: US 08/289,548
; FILING DATE: 12-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/741,940
; FILING DATE: 08-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 1107,49964
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-450-582-39

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3792 AGGCGCGCGCGCGCGGA 3808
Db 17 AGAGCGCGCAGCGCGGGA 1

RESULT 1060
US-09-289-466-14
; Sequence 14, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-14

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4307 CAGTCTGGGTCCTCCAGC 4323
Db 1 CAGTCTGGGTCCTCCAGC 17

RESULT 1061
US-09-156-856-7
; Sequence 7, Application US/09156856A
; Patent No. 6221591
; GENERAL INFORMATION:
; APPLICANT: Aerts, Johannes M.
; TITLE OF INVENTION: Determination of a genetic risk factor for infection
; and other diseases, and detection of activated
```

; TITLE OF INVENTION: phagocytes
; FILE REFERENCE: Sequence 1-20
; Patent No. 6221591
; CURRENT APPLICATION NUMBER: US/09/156,856A
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-156-856-7

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4751 ATGCTAGCTGAGC 4767
DB 2 AAGCAAGCTGAGC 18

RESULT 1062
US-09-224-426-15/c
; Sequence 15, Application US/09224426
; Patent No. 6221613
; GENERAL INFORMATION:
; APPLICANT: Salton, John A.
; APPLICANT: Laz, Thomas M.
; APPLICANT: Nagorny, Raisa
; APPLICANT: Wilson, Amy E.
; TITLE OF INVENTION: DNA Encoding A Human Melanin Concentrating Hormone
; FILE REFERENCE: 57453/JPM/JHB
; CURRENT APPLICATION NUMBER: US/09/224,426
; CURRENT FILING DATE: 1998-12-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.0 - beta
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer/probe
US-09-224-426-15

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1486 TCATTAGAAGTCCAG 1502
DB 17 TCGGAAGTCCAG 1

RESULT 1063
US-09-478-601-15/c
; Sequence 15, Application US/09478601
; Patent No. 6221616
; GENERAL INFORMATION:
; APPLICANT: Salton, John A.
; APPLICANT: Laz, Thomas M.
; APPLICANT: Nagorny, Raisa
; APPLICANT: Wilson, Amy E.
; TITLE OF INVENTION: DNA Encoding A Human Melanin Concentrating Hormone
; FILE REFERENCE: 57453/JPM
; CURRENT APPLICATION NUMBER: US/09/478,601
; CURRENT FILING DATE: 2000-01-06
; EARLIER APPLICATION NUMBER: 09/224,426
; EARLIER FILING DATE: 1998-12-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer/probe
US-09-478-601-15

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1486 TCATTAGAAGTCCAG 1502
DB 17 TCGGAAGTCCAG 1

RESULT 1064
US-09-142-334-25
; Sequence 25, Application US/09142334
; Patent No. 6268485
; GENERAL INFORMATION:
; APPLICANT: Faries, Timothy C.
; APPLICANT: Harrison, Richard A.
; TITLE OF INVENTION: Down-Regulation Resistant C3 Convertase
; FILE REFERENCE: 4-30443/A/IMU/PCT
; CURRENT APPLICATION NUMBER: US/09/142,334
; CURRENT FILING DATE: 1999-04-15
; EARLIER APPLICATION NUMBER: PCT/GB97/00603
; EARLIER FILING DATE: 1997-03-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
US-09-142-334-25

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCATCA 2928
DB 1 CATCATCATCATCA 17

RESULT 1065
US-09-478-602-15/c
; Sequence 15, Application US/09478602
; Patent No. 6291195
; GENERAL INFORMATION:
; APPLICANT: Salton, John A.
; APPLICANT: Laz, Thomas M.
; APPLICANT: Nagorny, Raisa
; APPLICANT: Wilson, Amy E.
; TITLE OF INVENTION: DNA Encoding A Human Melanin Concentrating Hormone
; FILE REFERENCE: 57453/JPM
; CURRENT APPLICATION NUMBER: US/09/478,602
; CURRENT FILING DATE: 2000-01-06
; EARLIER APPLICATION NUMBER: 09/224,426
; EARLIER FILING DATE: 1998-12-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer/probe
US-09-478-602-15
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1486 TCATTAGAGAGTCCAG 1502
DB 17 TCGTGAAGAGTCCAG 1
RESULT 1066
US-09-209-525-5/c
Sequence 5, Application US/09209525
Patent No. 6303770
GENERAL INFORMATION:
APPLICANT: Lok, Si
APPLICANT: Conklin, Darrell C.
APPLICANT: Parrish, Julia E.
TITLE OF INVENTION: Mammalian Alpha Helical Protein-1
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/209,525
CURRENT FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-209-525-5
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1686 AACAGACTCAGACCA 1702
DB 17 AACAGACTCAGACCA 1
RESULT 1067
US-08-584-040-8347
Sequence 8347, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Waidburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8347:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8347
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 3220 GCTCAGACTACTGAA 3236
DB 2 GCUCAGCUCUCCUGAA 18
RESULT 1068
US-08-679-645-1165
Sequence 1165, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwigen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Waidburg, Richard J.
REGISTRATION NUMBER: 32,327

```
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1165:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-1165

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3917 CCCGACGCGCGCGCCG 3933
DB 2 CCCGCGCGCGCGCGCCG 18

RESULT 1069
US-08-868-452-21
Sequence 21, Application US/08868452C
Patent No. 6352972
GENERAL INFORMATION:
APPLICANT: Marcel E. Nimni
APPLICANT: Frederick L. Hall
APPLICANT: Lingtao Wu
APPLICANT: Bo Han
APPLICANT: Edwin Shore
TITLE OF INVENTION: BONE MORPHOGENETIC PROTEINS AND THEIR
FILE REFERENCE: 17972-11
CURRENT APPLICATION NUMBER: US/08/868,452C
CURRENT FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PasteSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(18)
US-08-868-452-21

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCATCATCA 2928
DB 1 CATCATCATCATCATCA 17

RESULT 1070
US-09-723-535-30/C
Sequence 30, Application US/09723535
Patent No. 6355483
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
FILE OF INVENTION: ANTISENSE MODULATION OF SRC-2 EXPRESSION
FILE REFERENCE: RTS-0225
CURRENT APPLICATION NUMBER: US/09/723,535
CURRENT FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 30
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-723-535-30

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TGACAGCCAGACACAGA 2700
DB 17 TGACAGCAAAAGGACAGA 1

RESULT 1071
US-08-294-312B-76/C
Sequence 76, Application US/08294312B
Patent No. 6380369
GENERAL INFORMATION:
APPLICANT: Adams et al.
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
FILE REFERENCE: PFI06P2
CURRENT APPLICATION NUMBER: US/08/294,312B
CURRENT FILING DATE: 1994-08-23
PRIOR APPLICATION NUMBER: 08/210,143
PRIOR FILING DATE: 1994-03-16
PRIOR APPLICATION NUMBER: 08/187,757
PRIOR FILING DATE: 1994-01-27
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.0
SEQ ID NO 76
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer useful for amplifying codons 347 of 377 of hMLH3
US-08-294-312B-76

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4085 TCAGTGAGCTGCACACTG 4101
DB 17 TCAGTCAGCAGCCACTG 1

RESULT 1072
US-09-167-109-128/C
Sequence 128, Application US/09167109
Patent No. 6399297
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowser, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 128
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-167-109-128

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3520 TGCTCAGAGAGACTG 3536
```

Db 17 TCAGTCGAGGAGGACCTG 1

RESULT 1073

US-08-449-731-39/C
Sequence 39, Application US/08449731

Patent No. 6413727

GENERAL INFORMATION:

APPLICANT: ALBERTSEN, HANS

ANAND, RAKESH

CARLSON, MARY

GRODEN, JOANNA

HEDGE, PHILIP J.

JOSLYN, GEOFF

KINZLER, KENNETH

MARKHAM, ALEXANDER F.

NAKAMURA, YUSUKE

THLIVERIS, ANDREW

TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC

GENE IN COLORECTAL CANCER IN HUMANS

NUMBER OF SEQUENCES: 102

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hammer & Aliegretti, LTD

STREET: 1001 G Street, NW

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20001-4598

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/449,731

FILING DATE: 25-May-1995

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/289,548

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Kagan, Sarah A.

REGISTRATION NUMBER: 32,141

REFERENCE/DOCKET NUMBER: 1107,46943

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-508-9100

TELEFAX: 202-508-9299

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

SEQUENCE DESCRIPTION: SEQ ID NO: 39:

US-08-449-731-39

Query Match 0.3%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3792 AGGCGGCGGCGGCGGA 3808

Db 17 AGAGCGGCGGCGGCGGA 1

RESULT 1074

US-08-468-024B-76/C

Sequence 76, Application US/08468024B

Patent No. 6416984

GENERAL INFORMATION:

APPLICANT: Hasselline et al.

TITLE OF INVENTION: Human DNA Mismatch Repair Proteins

FILE REFERENCE: PFI0693

CURRENT APPLICATION NUMBER: US/08/468,024B

CURRENT FILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: 08/294,312

PRIOR FILING DATE: 1994-08-23

PRIOR APPLICATION NUMBER: 08/210,143

PRIOR FILING DATE: 1994-03-16

PRIOR APPLICATION NUMBER: 08/187,757

PRIOR FILING DATE: 1994-01-27

NUMBER OF SEQ ID NOS: 78

SOFTWARE: Patentin version 3.0

SEQ ID NO 76

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: primer useful for amplifying codons 347 of 377 of hMLH3

US-08-468-024B-76

Query Match 0.3%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4085 TCAGTACGTCGCACTG 4101

Db 17 TCAGTCAGCAGCAGCTG 1

RESULT 1075

US-09-280-030-8

Sequence 8, Application US/09280030A

Patent No. 6506595

GENERAL INFORMATION:

APPLICANT: Sato, Seiji

APPLICANT: Higashikuni, Naohiko

APPLICANT: Kudo, Toshiyuki

APPLICANT: Kondo, Masaaki

TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR

TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE

TITLE OF INVENTION: DNAS

FILE REFERENCE: 382,1026

CURRENT APPLICATION NUMBER: US/09/280,030A

CURRENT FILING DATE: 1999-03-26

EARLIER APPLICATION NUMBER: JP10-87339/1998

EARLIER FILING DATE: 1998-03-31

NUMBER OF SEQ ID NOS: 66

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 8

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Designated is

OTHER INFORMATION: a forward oligonucleotide encoding (His)6

US-09-280-030-8

Query Match 0.3%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 1e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCCTCATCAGCATCA 2928

Db 1 CATCATCATCATCATCA 17

RESULT 1076

US-09-280-030-9/C

Sequence 9, Application US/09280030A

Patent No. 6506595

GENERAL INFORMATION:

```
APPLICANT: Sato, Seiji
APPLICANT: Higashikuni, Naohiko
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kondo, Masaaki
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR THE
TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
FILE REFERENCE: 382.1026
CURRENT APPLICATION NUMBER: US/09/280.030A
EARLIER FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: JP10-87339/1998
EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designated is
US-09-280-030-9
OTHER INFORMATION: a reverse oligonucleotide encoding (His)6
```

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 2912 CATCTCATGACATCA 2928
DB 18 CATCATCATCATCATCA 2

```
RESULT 1077
US-09-422-978-4289
Sequence 4289, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422.978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4289
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-14505 for SEQ 355,
US-09-422-978-4289
```

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 5123 GGGTGATGCTTCTTCTT 5139
DB 1 GGTGCTGCTTCTTCTT 17

RESULT 1078
US-09-422-978-5403
Sequence 5403, Application US/09422978

```
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422.978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5403
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-25249 for SEQ 1469,
US-09-422-978-5403
```

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 4679 GGGTACAGAGAGCTGT 4695
DB 1 GTGTACTAGAGCTGT 17

```
RESULT 1079
US-09-422-978-7233/C
Sequence 7233, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422.978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7233
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-3058 for SEQ 3299,
US-09-422-978-7233
```

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 5068 TCTTCTATCTCTGTGG 5084
DB 17 TCTTCTATCTCTGTGG 1

RESULT 1080
US-09-230-652-69/c
Sequence 69, Application US/09230652A
Patent No. 6537775
GENERAL INFORMATION:
APPLICANT: Tourlier-Laeserve, Elisabeth
APPLICANT: Joutel, Anne
APPLICANT: Bousselet, Marie-Germaine
APPLICANT: Bach, Jean-Francois
TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
FILE REFERENCE: 03715.0048-00000
CURRENT APPLICATION NUMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER FILING DATE: 1996-08-01
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER FILING DATE: 1997-04-16
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER FILING DATE: 1997-07-31
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 69
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-69

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2296 CCTGGAGGCGAGAAACC 2312
DB 17 CATGGAGGCGAGAAACC 1

RESULT 1081
US-09-254-776B-23
Sequence 23, Application US/09254776B
Patent No. 6559359
GENERAL INFORMATION:
APPLICANT: Laten, Howard
TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
FILE REFERENCE: 27013/33479A
CURRENT APPLICATION NUMBER: US/09/254,776B
CURRENT FILING DATE: 1999-03-09
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PatentIn version 3.0
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-254-776B-23

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2858 TCTTCCAAGCTGAAGC 2874
DB 1 TCTTCCAAGCTGAAGC 17

RESULT 1082
US-09-371-772B-4003
Sequence 4003, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stincemb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4003
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4003

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 1e+03;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 3220 GCTCCAGCATCACTGAA 3236
DB 2 GCUCCAGCUCCUGAA 18

RESULT 1083
US-09-679-298A-25
Sequence 25, Application US/09679298A
Patent No. 6566131
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
FILE REFERENCE: RTS-0045
CURRENT APPLICATION NUMBER: US/09/679,298A
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 25
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-679-298A-25

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3922 CGCCGCGCGCGCGCTG 3938
DB 2 CACGCGCGCGCGCGCTG 18

RESULT 1084
US-09-396-478A-6
Sequence 6, Application US/09396478A
Patent No. 6586214
GENERAL INFORMATION:
APPLICANT: Dunican, L.K.
APPLICANT: McCormack, Ashling
APPLICANT: Stapleton, Cliona
APPLICANT: Burke, Kevin
APPLICANT: O'Donohue, Michael
APPLICANT: Marx, Achim
APPLICANT: Mockel, Bettina
APPLICANT: National University of Ireland, Galway


```
; APPLICANT: Degussa AG
; TITLE OF INVENTION: No. 6586214el nucleotide sequences coding for the psi gene
; FILE REFERENCE: 21123/264054
; CURRENT APPLICATION NUMBER: US/09/396,478A
; CURRENT FILING DATE: 1999-09-15
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Corynebacterium glutamicum
; FEATURE:
; OTHER INFORMATION: Internal Primer 1
US-09-396-478A-6

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2064 GGAACAGGAGGAGCCGT 2080
DB      1 GGAACAGGAGGAGCCGT 17

RESULT 1085
US-08-465-679-76/C
; Sequence 76, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haselcline et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: P106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR FILING DATE: 1994-01-27
; PRIOR APPLICATION NUMBER: 08/187,757
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 76
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 347 of 377 of hMLH3
US-08-465-679-76

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4085 TCAGTGCAGCCGACTG 4101
DB      17 TCAGTGCAGCCGACTG 1

RESULT 1086
US-09-506-066E-11/C
; Sequence 11, Application US/09506066E
; Patent No. 6630323
; GENERAL INFORMATION:
; APPLICANT: Scott, Matthew
; APPLICANT: Wharton, Keith
; APPLICANT: Zeng, Wenlin
; TITLE OF INVENTION: Naked Cuticle Genes and their Uses
; FILE REFERENCE: STAN-121
; CURRENT APPLICATION NUMBER: US/09/506,066E
; CURRENT FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: 60/120,646
; PRIOR FILING DATE: 1999-02-17
```

```
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-506-066E-11

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3308 GTCCCTGACGACGACG 3324
DB      17 GTCCCTGACGACGACG 1

RESULT 1087
US-09-548-797B-50/C
; Sequence 50, Application US/09548797B
; Patent No. 6683165
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4039
; CURRENT APPLICATION NUMBER: US/09/548,797B
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-797B-50

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4047 CCAGGCGCTCTAGCGAG 4063
DB      17 CCTCGGCGCTCTAGCGAG 1

RESULT 1088
US-09-885-478-15/C
; Sequence 15, Application US/09885478
; Patent No. 6723552
; GENERAL INFORMATION:
; APPLICANT: SALON, JOHN A
; APPLICANT: LAZ, THOMAS M
; APPLICANT: NAGORNY, RAISA
; APPLICANT: WILSON, AMY E
; TITLE OF INVENTION: DNA ENCODING A HUMAN MELANIN CONCENTRATING HORMONE RECEPTOR (MCH)
; FILE REFERENCE: 1795/57453-A-PCT-US
; CURRENT APPLICATION NUMBER: US/09/885,478
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/31169
; PRIOR FILING DATE: 1999-12-30
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: PRIMER
```

US-09-885-478-15

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1486 TCATTAAAGATGCAAG 1502
17 TCGTGAAGAAGTCACAG 1

RESULT 1089

US-09-232-785-391/c
Sequence 391, Application US/09232785
Patent No. 6733965
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echc, Craig, S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSAATELITE DNA MARKERS AND USES
FILE REFERENCE: 4481/1E188U1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 391
LENGTH: 18
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-391

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCAGCATCA 2928
18 CATCATCATCATCATCA 2

RESULT 1090

US-09-232-785-392
Sequence 392, Application US/09232785
Patent No. 6733965
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echc, Craig, S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSAATELITE DNA MARKERS AND USES
FILE REFERENCE: 4481/1E188U1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 392
LENGTH: 18
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-392

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCAGCATCA 2928
1 CATCATCATCATCATCA 17

RESULT 1091
PCT-US94-04496-9/c
Sequence 9, Application PC/TUS9404496

GENERAL INFORMATION:
APPLICANT: Croce, Carlo
APPLICANT: Canaan, Eli
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
for Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the ALL-1
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz &
ADDRESSER: Norris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04496
FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Deluca Esq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1242
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: NO
PCT-US94-04496-9

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4824 ATTCTCAGTGAGAGA 4840
18 ATCTCTCTGTGAGAGA 2

RESULT 1092

US-09-422-978-8508
Sequence 8508, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796

```
; SEQ ID NO 8508
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in compleme
US-09-422-978-8508

Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1196 ATCCCTGGAGTCTCTG 1212
Db      2 ATCCCATGAGTCTCTGC 18

RESULT 1093
US-07-922-723A-21/C
; Sequence 21, Application US/0792273A
; Patent No. 5369004
; GENERAL INFORMATION:
; APPLICANT: Drs. Michael H. Polymeropoulos
; APPLICANT: and Carl R. Merrill
; TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE
; TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/922,723A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-922-723A-21

Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1524 TACAGCCACAGAAAT 1540
Db      19 TACAGCCACAGAAAT 3

RESULT 1094
US-07-799-828C-21/C
; Sequence 21, Application US/07799828C
; Patent No. 5378602
```

```
; GENERAL INFORMATION:
; APPLICANT: Drs. Carl R. Merrill and
; APPLICANT: Michael H. Polymeropoulos
; TITLE OF INVENTION: TWENTY SEVEN HIGHLY INFORMATIVE
; TITLE OF INVENTION: MICROSATELLITE REPEAT
; TITLE OF INVENTION: POLYMORPHIC DNA MARKERS
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,828C
; FILING DATE: 19911127
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34,506
; REFERENCE/DOCKET NUMBER: 717081A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-799-828C-21

Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1524 TACAGCCACAGAAAT 1540
Db      19 TACAGCCACAGAAAT 3

RESULT 1095
US-08-190-711-2/C
; Sequence 2, Application US/08190711
; Patent No. 5570582
; GENERAL INFORMATION:
; APPLICANT: Nectarios Tavernarakis,
; APPLICANT: George Hatzidakis, and
; APPLICANT: Elias Krambovitis
; TITLE OF INVENTION: RAPID AMPLIFICATION
; TITLE OF INVENTION: AND DETECTION OF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Dickstein, Shapiro &
; ADDRESSER: Morin
; STREET: 2101 L Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/08/190,711
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/729,579
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kairy, Geoffrey M.
REGISTRATION NUMBER: 31,382
REFERENCE/DOCKET NUMBER: 12277.001/P001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 785-9700
TELEFAX: (202) 887-0689
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-190-711-2

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3053 GGGGAGATCAAGCTGC 3069
DB 18 GGGGACATCAAGCAGC 2

RESULT 1096
US-08-367-175A-22/c
Sequence 22, Application US/08367175A
Patent No. 5631115
GENERAL INFORMATION:
APPLICANT: OHTSUKA, Eiko
TITLE OF INVENTION: Looped, hairpin ribozyme
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: FRISHAUF, HOLTZ, GOODMAN,
ADDRESS: LANGER & CHICK, P.C.
STREET: 767 Third Avenue
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-2023
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,175A
FILING DATE: 29 Dec. 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GOODMAN, Herbert
REGISTRATION NUMBER: 17081
REFERENCE/DOCKET NUMBER: 920081
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 319-4900
TELEFAX: (212) 319-5101
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
HYPOTHETICAL: N

ANTI-SENSE: N
US-08-367-175A-22

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCAGCAGCAGCGGCA 4301
DB 18 CACACACAGCAGCGGCA 2

RESULT 1097
US-08-701-380-8/c
Sequence 8, Application US/08701380
Patent No. 5686598
GENERAL INFORMATION:
APPLICANT: NORTH, Michael
APPLICANT: NISHINA, Patsy
APPLICANT: NAGERT, Juergen
TITLE OF INVENTION: GENES ASSOCIATED WITH RETINAL
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Honbach, Teet, Albritton & Herbert
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/701,380
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SHERWOOD, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-63565/PJS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-494-8700
TELEFAX: 415-494-8771
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primers"
US-08-701-380-8

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3146 GACCTGAAGCCTCA 3162
DB 19 GACGCTGAAGCCTCA 3

RESULT 1098
US-08-400-580A-11/c
Sequence 11, Application US/08400580A
Patent No. 5693501
GENERAL INFORMATION:
APPLICANT: Lee, Chao-Hung
APPLICANT: Jiang, Bingdong

TITLE OF INVENTION: Compounds and Methods To Determine
TITLE OF INVENTION: Presence of Histoplasma Capsulatum
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kristine H. Johnson
STREET: 123 No. 5693501th College Ave, Ste 213
CITY: Fort Collins
STATE: CO
COUNTRY: USA
ZIP: 80524
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/400,580A
FILING DATE: 08-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, Kristine H.
REGISTRATION NUMBER: 36,835
REFERENCE/DOCKET NUMBER: P-1011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (970) 472-9650
TELEFAX: (970) 472-9655
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-400-580A-11

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 741 ACCAGCTGACCACT 757
DB 18 ACCAGTTGACCACT 2

RESULT 1099
US-08-560-313A-1
Sequence 1, Application US/08560313A
Patent No. 5763175
GENERAL INFORMATION:
APPLICANT: Sydney Brenner
TITLE OF INVENTION: Simultaneous Sequencing of Tagged Polynucleotides
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics, Inc.
STREET: 3832 Bay Center Place
CITY: Hayward
STATE: California
COUNTRY: USA
ZIP: 94545
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Power Macintosh
OPERATING SYSTEM: Macintosh OS ver. 7.5.2
SOFTWARE: Microsoft Word, vers. 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/560,313A
FILING DATE: 17-NOV-95
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevitz

REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: estus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 670-9365
TELEFAX: (510) 670-9302
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-560-313A-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4373 AAGAAAGAACTGCAC 4389
DB 2 AAGAAAGAAAGCGCAC 18

RESULT 1100
US-08-756-728A-6
Sequence 6, Application US/08756728A
Patent No. 5821354
GENERAL INFORMATION:
APPLICANT: Leclerc, Guy
TITLE OF INVENTION: RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD
OF PREPARATION AND THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,728A
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1398-1-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "C-myc19"
HYPOTHETICAL: NO
US-08-756-728A-6

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3282 ATGCCCTGCACGTGA 3298
|||||

Db 1 ATGCCCCACAGTGA 17

RESULT 1101
US-08-650-125-7
Sequence 7, Application US/08650125
Patent No. 5830751
GENERAL INFORMATION:
APPLICANT: BOEKE, JEF
APPLICANT: BRACHMANN, RAINER
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
TITLE OF INVENTION: USING TP23
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,125
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32,145
REFERENCE/DOCKET NUMBER: 1107.55985
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 97430 BMB UT
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-650-125-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCCTCATCAGCATCA 2928
Db 2 CATCCTCACCATCATCA 18

RESULT 1102
US-08-795-006A-7
Sequence 7, Application US/08795006A
Patent No. 5840579
GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA

ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795, 006A
FILING DATE: 05-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.03170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-795-006A-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCCTCATCAGCATCA 2928
Db 2 CATCCTCACCATCATCA 18

RESULT 1103
US-07-952-277A-21/C
Sequence 21, Application US/07952277A
Patent No. 5861504
GENERAL INFORMATION:
APPLICANT: Drs. Michael H. Polymeropoulos
APPLICANT: and Carl R. Merril
TITLE OF INVENTION: ELEVEN HIGHLY INFORMATIVE
TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lowe, Price, Leblanc & Becker
STREET: Suite 300, 99 Canal Center Plaza
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DOS Text File
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/952, 277A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: D.J. Mills
REGISTRATION NUMBER: 34506
REFERENCE/DOCKET NUMBER: 717081C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703 684 1111
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 19

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-952-277A-21

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1524 TACAGCCACAGAAAT 1540
DB 19 TACAGCCACAGAAAT 3

RESULT 1104
US-08-532-727A-36/C
Sequence 36, Application US/08532727A
Patent No. 5883238
GENERAL INFORMATION:
APPLICANT: ANDRIEN, MARC
APPLICANT: DUFOUR, ETIENNE
APPLICANT: ROSSAU, RUDI
APPLICANT: DECANCK ISE
TITLE OF INVENTION: PROCESS FOR TYPING HLA-B USING SPECIFIC PRIMERS
TITLE OF INVENTION: AND PROBES SETS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/532,727A
FILING DATE: 23-OCT-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1487-9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-532-727A-36

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 CCGGGCTCCGCTCAG 1255
DB 19 CCGGGCTCCGCTCAG 3

RESULT 1105
US-08-460-751-11/C
Sequence 11, Application US/08460751

Patent No. 5891628
GENERAL INFORMATION:
APPLICANT: Reeders, Stephen
APPLICANT: Schneider, Michael
APPLICANT: Glucksmann, Sandra
TITLE OF INVENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY
TITLE OF INVENTION: DISEASE GENE, DIAGNOSTICS AND TREATMENT
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,751
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/413,580
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7638-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-460-751-11

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5006 CAGCTGCTGCAGG 5022
DB 17 CAGCTGCTGCAGG 1

RESULT 1106
US-08-864-473-19
Sequence 19, Application US/08864473
Patent No. 6027889
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Lubin, Matthew
TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTIONS
FILE REFERENCE: 19603/441
CURRENT APPLICATION NUMBER: US/08/864,473
EARLIER FILING DATE: 1997-05-28
EARLIER APPLICATION NUMBER: 60/018,532
EARLIER FILING DATE: 1996-05-29
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide Sequence
US-08-864-473-19

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4063 GGACTGCATGCAGTGA 4079
Db 3 GGACGCCATGCCTCA 19

RESULT 1107
US-08-903-139B-5
Sequence 5, Application US/08903139B
Patent No. 6114118
GENERAL INFORMATION:
APPLICANT: Joe W. Templeton, Jianwei Feng, L. Garry Adams,
APPLICANT: Erwin Schurr, Philippe Gros, Donald S. Davis and Roger Smith
TITLE OF INVENTION: METHOD OF IDENTIFICATION OF ANIMALS
TITLE OF INVENTION: RESISTANT OR SUSCEPTIBLE TO DISEASES SUCH AS RUMINANT
TITLE OF INVENTION: BRUCELOSIS, TUBERCULOSIS, PARATUBERCULOSIS AND SALMONELLOSIS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pravel, Hewitt, Kimball & Krieger
STREET: 1177 West Loop South, 10th Floor
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77027-9095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/903,139B
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/031,443
FILING DATE: September 20, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Krieger, Paul E.
REGISTRATION NUMBER: 25,886
REFERENCE/DOCKET NUMBER: 00162-3/V96171US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-850-0909
TELEFAX: 713-850-0165
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-903-139B-5

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2681 TGTTCAGCCAGGAC 2697
Db 3 TGTTCAGCCAGGAC 19

RESULT 1108
US-09-032-365A-42/c
Sequence 42, Application US/09032365A
Patent No. 6114502

GENERAL INFORMATION:
APPLICANT: No. 6114502ch, Michael
APPLICANT: Mishina, Patsy
APPLICANT: Naggart, Juergen
APPLICANT: No. 6114502en-Trauth, Konrad
TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
TITLE OF INVENTION: NEUROSENSORY DEFECTS
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Avenue, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/032,365A
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-2C1P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-032-365A-42

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3146 GACCTGAGAGCCTCA 3162
Db 19 GACCTGAGAGCCTCA 3

RESULT 1109
US-09-184-073-7
Sequence 7, Application US/09184073
Patent No. 6183964
GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTATIONS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible


```

; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/184,073
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/795,006
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107,03170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-184-073-7
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2912 CATCTCATGACATCA 2928
Db      2 CATCTCATGACATCA 18

RESULT 1110
US-09-440-523-19
; Sequence 19, Application US/09440523
; Patent No. 6268148
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
; FILE REFERENCE: 19603/441
; CURRENT APPLICATION NUMBER: US/09/440,523
; CURRENT FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 08/864,473
; PRIOR FILING DATE: 1997-05-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide Sequence
US-09-440-523-19
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4063 GGACTGCCATGACGTGA 4079
Db      3 GGACAGCCATGCACTGA 19

RESULT 1111
US-09-254-733-13
; Sequence 13, Application US/09254733
; Patent No. 6277596
; GENERAL INFORMATION:
```

```

; APPLICANT: MATANABE, MANABU
; APPLICANT: MORIYA, TATSUKI
; APPLICANT: AOYAGI, KAORU
; APPLICANT: SUMIDA, NAOMI
; APPLICANT: MURAKAMI, TAKESHI
; TITLE OF INVENTION: REGULATORY SEQUENCE OF CELLULOSE CBH1 GENES ORIGINATING
; TITLE OF INVENTION: IN TRICHOBERMA VIRIDE AND SYSTEM FOR MASS-PRODUCING
; FILE REFERENCE: 99-0266/LC(MMC)/00144
; CURRENT APPLICATION NUMBER: US/09/254,733
; CURRENT FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: NUCLEIC ACID
US-09-254-733-13
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1687 ACAAGCACTCAGAGCAG 1703
Db      3 ACAAGCACTGAGAGTAG 19

RESULT 1112
US-09-618-877A-7/c
; Sequence 7, Application US/09618877A
; Patent No. 6414220
; GENERAL INFORMATION:
; APPLICANT: Vrontakis, Maria E.
; TITLE OF INVENTION: GALANIN TRANSGENIC MICE
; FILE REFERENCE: 2495,00084
; CURRENT APPLICATION NUMBER: US/09/618,877A
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/069,929
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 09/215,051
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-618-877A-7
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4068 GCCATGACAGGAAGCCC 4084
Db      19 GCCATGACAGTGAAGACC 3

RESULT 1113
US-09-470-443-9/c
; Sequence 9, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
```

```
/ APPLICANT: Sekido, Yoshitaka
/ APPLICANT: Gao, Boming
/ APPLICANT: Duh, Fuh-Mei
/ TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
/ FILE REFERENCE: NIH-05043
/ CURRENT APPLICATION NUMBER: US/09/470,443
/ CURRENT FILING DATE: 1999-12-22
/ EARLIER APPLICATION NUMBER: 60/114,359
/ EARLIER FILING DATE: 1998-12-30
/ NUMBER OF SEQ ID NOS: 114
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-9
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4605 AGAAGCCCGTGCCTC 4621
Db      19 AGAAGCCCGTGCCTC 3
```

```
RESULT 1114
US-09-531-000-28/c
/ Sequence 28, Application US/09531000
/ Patent No. 6461810
/ GENERAL INFORMATION:
/ APPLICANT: JOHNSON, Marion D.
/ APPLICANT: PRESCO, Jacques R.
/ TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
/ FILE REFERENCE: 2448-103
/ CURRENT APPLICATION NUMBER: US/09/531,000
/ CURRENT FILING DATE: 2000-09-08
/ PRIOR APPLICATION NUMBER: PCT/US98/23765
/ PRIOR FILING DATE: 1998-11-10
/ PRIOR APPLICATION NUMBER: 60/064,997
/ PRIOR FILING DATE: 1997-11-10
/ NUMBER OF SEQ ID NOS: 77
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 28
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-28
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5086 TTTCAGCTCTGCTTCT 5102
Db      19 TTTCAGCTCTGCTTCT 3
```

```
RESULT 1115
US-09-565-063-4/c
/ Sequence 4, Application US/09565063
/ Patent No. 6489156
/ GENERAL INFORMATION:
/ APPLICANT: DISPIRITO, ALAN A.
/ APPLICANT: DO, YOUNG S.
/ APPLICANT: PHILLIPS, GREGORY J.
/ APPLICANT: ZAHN, JAMES A.
/ TITLE OF INVENTION: A RHODOBACTER STRAIN FOR ODOR REMEDIATION OF ANAEROBIC
```

```
/ TITLE OF INVENTION: LIVESTOCK WASTE LAGOONS AND BIOMASS PRODUCTION
/ FILE REFERENCE: 19000.0044/P04
/ CURRENT APPLICATION NUMBER: US/09/565,063
/ CURRENT FILING DATE: 2000-05-05
/ PRIOR APPLICATION NUMBER: 60/133,087
/ PRIOR FILING DATE: 1999-05-07
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 4
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: Oligonucleotide probe
US-09-565-063-4
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2819 AGAAGTGAGGGGAGC 2835
Db      19 AGAAGTGAGGGGAGC 3
```

```
RESULT 1116
US-09-422-978-4994/c
/ Sequence 4994, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 4994
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-2007 for SEQ 1060,
US-09-422-978-4994
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      284 CTCTCTCTCTCTGCTT 300
Db      19 CTCTCTCTCTCTGCTT 3
```

```
RESULT 1117
US-09-422-978-10026
/ Sequence 10026, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10026
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-8894 for SEQ 2161, in compleme
US-09-422-978-10026
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1014 CAAGCATGACACACAG 1030
Db 3 CAAGCATGACACACAG 19
```

```
RESULT 1118
US-09-568-407-9
Sequence 9, Application US/09568407
Patent No. 6544768
GENERAL INFORMATION:
APPLICANT: Buck, Jochen
APPLICANT: Levin, Lonny R
TITLE OF INVENTION: Mammalian Soluble Adenyl Cyclase
FILE REFERENCE: 2650/1G008US2
CURRENT APPLICATION NUMBER: US/09/568,407
CURRENT FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: 60/133,802
PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/161,534
PRIOR FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-568-407-9
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 3474 CAGAGCTCAGGCCAG 3490
Db 2 CAGAGCTCAGGCCAG 18
```

```
RESULT 1119
US-09-248-015-76
Sequence 76, Application US/09248015
Patent No. 6562786
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
APPLICANT: Gout, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING APOPTOSIS
FILE REFERENCE: 100086,401C4
CURRENT APPLICATION NUMBER: US/09/248,015
```

```
CURRENT FILING DATE: 1999-02-10
NUMBER OF SEQ ID NOS: 81
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 76
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: N-cadherin
OTHER INFORMATION: specific primer
US-09-248-015-76
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1963 TCTGAACATCCGCATC 1979
Db 3 TTGGATCATCCGCATC 19
```

```
RESULT 1120
US-09-184-072-7
Sequence 7, Application US/09184072
Patent No. 6566056
GENERAL INFORMATION:
APPLICANT: BOEKE, JEF
APPLICANT: BRACHMANN, RAINER
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
TITLE OF INVENTION: USING TP23
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/184,072
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/650,125
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32,145
REFERENCE/DOCKET NUMBER: 1107,55985
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 97430 BMB UT
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-184-072-7
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2912 CATCTCATCAGCATCA 2928
Db 2 CATCTCATCAGCATCA 18
```

RESULT 1121
US-09-096-927C-16
; Sequence 16, Application US/09096927C
; Patent No. 6653106
; GENERAL INFORMATION:
; APPLICANT: Shuman, Stewart
; APPLICANT: Sekiguchi, Joann
; APPLICANT: Comiskey, John
; APPLICANT: Fernandez, Joseph
; APPLICANT: Hoefler, James
; APPLICANT: Marcell, Robert
; TITLE OF INVENTION: COVALENT JOINING OF DNA STRANDS TO RNA STRANDS
; TITLE OF INVENTION: CATALYZED BY VACCINIA TOPOISOMERASE
; FILE REFERENCE: 53661-A/JPM/EMW
; CURRENT APPLICATION NUMBER: US/09/096,927C
; CURRENT FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Vaccinia virus
US-09-096-927C-16

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1540 TCTCGAGCTCATTTAG 1556
Db 3 TCTCGAGTTCATTCAG 19

RESULT 1122
US-09-706-722A-5/c
; Sequence 5, Application US/09706722A
; Patent No. 6670328
; GENERAL INFORMATION:
; APPLICANT: LASSALLE, PHILIPPE
; APPLICANT: MARCHANDISE, GENEVIEVE
; APPLICANT: KERVOAZE, GRENOLA
; APPLICANT: TONNEL, ANDRE BERNARD
; APPLICANT: MOLEST, SOPHIE
; TITLE OF INVENTION: PROTEINS AND PEPTIDES DERIVED FROM PROTEIN ESM-1 AND
; TITLE OF INVENTION: THEIR USES IN THE TREATMENT AND DIAGNOSIS OF DISEASES
; TITLE OF INVENTION: LINKED TO LEUKOCYTE MIGRATION
; FILE REFERENCE: 8425/P-61263US2
; CURRENT APPLICATION NUMBER: US/09/706,722A
; CURRENT FILING DATE: 2000-11-07
; PRIOR APPLICATION NUMBER: 09/102,909
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/050,614
; PRIOR FILING DATE: 1997-06-24
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-706-722A-5

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4222 GTGTGCCACAGAGTT 4238
Db 18 GTTGGCAACAGAGTT 2

RESULT 1123
US-09-234-395-324
; Sequence 324, Application US/09234395
; Patent No. 6680175
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Byers, Stephen
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
; FILE REFERENCE: 100086,407C2
; CURRENT APPLICATION NUMBER: US/09/234,395
; CURRENT FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 324
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N-Cadherin
US-09-234-395-324

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1963 TCTGACATCCGCATC 1979
Db 3 TTTGATCATCCGCATC 19

RESULT 1124
US-09-305-928-324
; Sequence 324, Application US/09305928
; Patent No. 6682901
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Byers, Stephen
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
; FILE REFERENCE: 100086,407C4
; CURRENT APPLICATION NUMBER: US/09/305,928
; CURRENT FILING DATE: 1999-05-05
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 324
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N-Cadherin
US-09-305-928-324

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1963 TCTGACATCCGCATC 1979
Db 3 TTTGATCATCCGCATC 19

RESULT 1125
US-09-696-791-1467
; Sequence 1467, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

```

; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1467
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A2 ribozyme binding site
US-09-696-791-1467

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      159 TGGACACTTCATTGTA 175
Db      1 TGGACATGTCATTGTA 17

RESULT 1126
US-09-696-791-1796
; Sequence 1796, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1796
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin C ribozyme binding site
US-09-696-791-1796

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2170 AAAACTATATGACATT 2186
Db      2 AAAACTATATGACAGT 18

RESULT 1127
US-09-696-791-1915/C
; Sequence 1915, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1915
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
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; OTHER INFORMATION: Cyclin D2 ribozyme binding site
US-09-696-791-1915

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4099 CTGAGTCGGAGCCGAG 4115
Db      19 CGAGTCGGAGCCGAG 3

RESULT 1128
US-09-918-156-19
; Sequence 19, Application US/09918156
; Patent No. 6797470
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Lubin, Matthew
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
; TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTIONS
; FILE REFERENCE: 19603/441
; CURRENT APPLICATION NUMBER: US/09/918,156
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/918,156
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide Sequence
US-09-918-156-19

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4063 GGACTGCCATGCAGTGA 4079
Db      3 GGACAGCCATGCATGA 19

RESULT 1129
PCT-US91-03680-1/C
; Sequence 1, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Maccucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 5
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
PCT-US91-03680-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1592 GGAAACAGAGAGAGA 1608
Db 17 GGAAAAAGAGAGAGA 1

RESULT 1130
US-09-034-205-8/c
Sequence 8, Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fois, Lance
APPLICANT: Neel, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 806 ATACCTGTGCCGCTGG 822
Db 20 ATACCTGTGCCGCTGG 4

RESULT 1131
US-08-934-097A-8/c
Sequence 8, Application US/08934097A
Patent No. 6210880
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fois, Lance
APPLICANT: Neel, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-934-097A-8
Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 806 ATACCTGTGCCGCTGG 822
Db 20 ATACCTGTGCCGCTGG 4

RESULT 1132
US-08-851-588-8/c
Sequence 8, Application US/08851588
Patent No. 6214545
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.

APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-851-588-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGGCGCTGG 822
DB 20 ATACCTGTGGCGCTGG 4

RESULT 1133
US-09-677-218B-8/c
Sequence 8, Application US/09677218B
Patent No. 6355437
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B

FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Karin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-677-218B-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGGCGCTGG 822
DB 20 ATACCTGTGGCGCTGG 4

RESULT 1134
US-09-677-192-8/c
Sequence 8, Application US/09677192
Patent No. 6358691
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
APPLICANT: Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
OLIGONUCLEOTIDES
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-677-192-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGGCGCTGG 822
DB 20 ATACCTGTGGCGCTGG 4

RESULT 1135
US-09-402-618B-8/c
Sequence 8, Application US/09402618B
Patent No. 6709815
GENERAL INFORMATION:
APPLICANT: Dong, Fang

APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-402-618B-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGGCGCTGG 822
DB 20 ATACCTGTGGCGCTGG 4

RESULT 1136
US-09-825-574-B/C
Sequence 8, Application US/09825574
Patent No. 6709819
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-825-574-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGGCGCTGG 822
DB 20 ATACCTGTGGCGCTGG 4

RESULT 1137
US-09-676-768-8/C
Sequence 8, Application US/09676768
Patent No. 6780585
GENERAL INFORMATION:
APPLICANT: Dong, Fang
Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-676-768-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCTGTGGCGCTGG 822

Db 20 ATACCTTGCCCTG 4

RESULT 1138
US-08-203-198-9

Sequence 9, Application US/08203198
Patent No. 5512462

GENERAL INFORMATION:

APPLICANT: Cheng, Suzanne

TITLE OF INVENTION: Methods and Reagents for the Polymerase

NUMBER OF SEQUENCES: 32 Chain Reaction Amplification of Long DNA Sequences

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: NJ

COUNTRY: U.S.A.

ZIP: 07110

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/203,198

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Peiry Ph. D., Douglas A.

REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 8894

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-203-198-9

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.2e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1117 CCAGCAGTCTCTCTCAG 1133

Db 2 CCAGCAGTCTCTCTCAG 18

RESULT 1139
US-08-150-331-18/c

Sequence 18, Application US/08150331

Patent No. 5516512

GENERAL INFORMATION:

APPLICANT: DORSSEERS J., LAMBERTUS C.

TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3

NUMBER OF SEQUENCES: 48

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 755 Page Mill Road

CITY: Palo Alto

STATE: California

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/150,331

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/651,437

FILING DATE: 05-FEB-1991

ATTORNEY/AGENT INFORMATION:

NAME: GRACEY, NANCY J.

REGISTRATION NUMBER: 28,216

REFERENCE/DOCKET NUMBER: 24615-20010.20

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 813-5600

TELEFAX: (415) 494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-150-331-18

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.2e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2650 CCAGTTGTCTCCAG 2666

Db 18 CCAGTTGTCTCCAG 2

RESULT 1140
US-08-031-143B-6

Sequence 6, Application US/08031143B

Patent No. 5518880

GENERAL INFORMATION:

APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;

TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND

NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & PINNEGAN

STREET: 345 PARK AVE.

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORD PERFECT # 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/031,143B

FILING DATE: 12-MAR-1993

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: WILLIAM S. FEILER

REGISTRATION NUMBER: 26,728

REFERENCE/DOCKET NUMBER: 2026-4061

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-758-4800

TELEFAX: 212-751-6649

TELEX: 421792

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: NUCLEIC ACID

STRANDEDNESS: SINGLE

TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-6

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4797 GTTGAAGAGCAGGAA 4813
1 GTTGAAGAGCAGGAA 17

RESULT 1141
US-08-031-143B-33/C
Sequence 33, Application US/08031143B
Patent No. 5518880
GENERAL INFORMATION:
APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
APPLICANT: MCBRIDE, O. WESLEY
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
TREATMENT OF XSCID
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/031,143B
FILING DATE: 12-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FELLER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-33

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4797 GTTGAAGAGCAGGAA 4813

DB 20 GTTGAAGAGCAGGAA 4
|||||

RESULT 1142
US-08-308-869-1/C
Sequence 1, Application US/08308869
Patent No. 5594122
GENERAL INFORMATION:
APPLICANT: FRIESEN, ALBERT D.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AND
THERAPEUTIC USE THEREOF IN HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: INFECTION
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/308,869
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/081,572
FILING DATE: 23-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 241802000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-308-869-1

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCGACGGCGG 422
17 CAAGAGCGACGGCGG 1

DB 17 CAAGAGCGACGGCGG 1

RESULT 1143
US-08-393-997-2/C
Sequence 2, Application US/08393997
Patent No. 5643729
GENERAL INFORMATION:
APPLICANT: Taniguchi, Tadatsugu
APPLICANT: Harada, Hisashi
TITLE OF INVENTION: Methods for Diagnosing Cancer, Precancerous
State, or Susceptibility to Other Forms of
Diseases by Detecting an Acceleration of Exon
SKIPPING IN IRF-1 mRNA
TITLE OF INVENTION: Skipping in IRF-1 mRNA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX
STREET: 1100 New York Ave., N.W.

CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/393,997
FILING DATE: herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 0652.1420000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-393-997-2

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1909 ACTTCCTGCAGAAATC 1925
DB 17 ACTCCTGCAGAAATC 1

RESULT 1144
US-08-450-257-23
Sequence 23, Application US/08450257
Patent No. 5652122
GENERAL INFORMATION:
APPLICANT: FRANKEL, Alan
APPLICANT: BARSOUM, James G.
APPLICANT: FAWELL, Stephen E.
APPLICANT: PEPINSKY, R. B.
TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,257
FILING DATE: 25-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,403
FILING DATE: 28-APR-1994
APPLICATION NUMBER: US 07/934,375
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/098,766
FILING DATE: 28-JUL-1993

APPLICATION NUMBER: PCT/US93/07833
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 07/454,450
FILING DATE: 21-DEC-1989
APPLICATION NUMBER: US 07/636,662
FILING DATE: 02-JAN-1991
APPLICATION NUMBER: US 08/158,015
FILING DATE: 24-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haley Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B170 CIP 2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-450-257-23

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCACCCAGTTT 4570
DB 4 CCCGACCCACCCAGTTT 20

RESULT 1145
US-08-450-246-23
Sequence 23, Application US/08450246
Patent No. 5670617
GENERAL INFORMATION:
APPLICANT: FRANKEL, Alan
APPLICANT: BARSOUM, James G.
APPLICANT: FAWELL, Stephen E.
APPLICANT: PEPINSKY, R. B.
TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,246
FILING DATE: 25-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,403
FILING DATE: 28-APR-1994
APPLICATION NUMBER: US 07/934,375
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/098,766
FILING DATE: 28-JUL-1993
APPLICATION NUMBER: PCT/US93/07833
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 07/454,450

FILING DATE: 21-DEC-1989
APPLICATION NUMBER: US 07/636,662
FILING DATE: 02-JAN-1991
APPLICATION NUMBER: US 08/158,015
FILING DATE: 24-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haley Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B170 CIP 2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-450-246-23

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCACCGATT 4570
DB 4 CCCAGACCACCGATT 20

RESULT 1146
US-08-450-098-23
Sequence 23, Application US/08450098
Patent No. 5674980
GENERAL INFORMATION:
APPLICANT: FRANKEL, Alan
APPLICANT: PABO, Carl
APPLICANT: BARSOUM, James G.
APPLICANT: FARELL, Stephen E.
APPLICANT: PERINSKY, R. B.
TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,098
FILING DATE: 25-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,403
FILING DATE: 28-APR-1994
APPLICATION NUMBER: US 07/934,375
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/098,766
FILING DATE: 28-JUL-1993
APPLICATION NUMBER: PCT/US93/07833
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 07/454,450
FILING DATE: 21-DEC-1989
APPLICATION NUMBER: US 07/636,662
FILING DATE: 02-JAN-1991

APPLICATION NUMBER: US 08/158,015
FILING DATE: 24-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haley Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B170 CIP 2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-450-098-23

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCACCGATT 4570
DB 4 CCCAGACCACCGATT 20

RESULT 1147
US-08-487-141B-72
Sequence 72, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-487-141B-72

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3713 TGATCGCGCGGAGGCGC 3729
Db 1 TGATCGCGCGGAGGCGC 17

RESULT 1148

US-08-487-141B-73
; Sequence 73, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-487-141B-73

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3713 TGATCGCGCGGAGGCGC 3729
Db 2 TGATCGCGCGGAGGCGC 18

RESULT 1149

US-08-271-880A-81/c
; Sequence 81, Application US/08271880A
; Patent No. 5693535
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowitra

APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,880A
FILING DATE: July 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-271-880A-81

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACAGACGCGCA 4301
Db 17 CACACACAGACGCGCA 1

RESULT 1150

US-08-271-880A-88/c
; Sequence 88, Application US/08271880A
; Patent No. 5693535
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowitra
; APPLICANT: James McSwiggen
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

```
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FASTSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/271,880A
/ FILING DATE: July 7, 1994
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below: two
/ APPLICATION NUMBER: 08/103,243
/ FILING DATE: August 6, 1993
/ APPLICATION NUMBER: 07/882,886
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 206/116
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 88:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-271-880A-88

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 GCGACACGACGCGGCA 4301
DB 17 CACACACACGACGCGCA 1

RESULT 1151
US-08-171-718-13/C
/ Sequence 13, Application US/08171718
/ Patent No. 5707863
/ GENERAL INFORMATION:
/ APPLICANT: Trofalter, James A.
/ APPLICANT: Gubella, James F.
/ TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
/ NUMBER OF SEQUENCES: 120
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sterne, Kessler, Goldstein & Fox
/ STREET: 1100 New York Avenue, N.W., Suite 600
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20005-3934
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/171,718
/ FILING DATE: 22-DEC-1993
/ CLASSIFICATION: 436
```

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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/108,808
/ FILING DATE: 19-AUG-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/022,034
/ FILING DATE: 25-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/026,063
/ FILING DATE: 04-MAR-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brown, Anne
/ REGISTRATION NUMBER: 36,463
/ REFERENCE/DOCKET NUMBER: 0609.3850003
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 371-2600
/ TELEFAX: (202) 371-2540
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-171-718-13

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 190 GCCAGGAGGAGAGGCGC 206
DB 17 GCCAGGAGGAGAGGCGC 1

RESULT 1152
US-08-171-718-80
/ Sequence 80, Application US/08171718
/ Patent No. 5707863
/ GENERAL INFORMATION:
/ APPLICANT: Trofalter, James A.
/ APPLICANT: Maccollin, Mia M.
/ APPLICANT: Gubella, James F.
/ TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
/ NUMBER OF SEQUENCES: 120
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sterne, Kessler, Goldstein & Fox
/ STREET: 1100 New York Avenue, N.W., Suite 600
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20005-3934
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/171,718
/ FILING DATE: 22-DEC-1993
/ CLASSIFICATION: 436
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/108,808
/ FILING DATE: 19-AUG-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/022,034
/ FILING DATE: 25-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/026,063
/ FILING DATE: 04-MAR-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brown, Anne
/ REGISTRATION NUMBER: 36,463
/ REFERENCE/DOCKET NUMBER: 0609.3850003
```

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 80:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-171-718-80

Query Match 0.3%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3056 GGAGATCAAGCTTCAGG 3072
 DB 3 GGAGACCAAGCTTCAGG 19

RESULT 1153
 US-08-241-465B-12/c
 Sequence 12, Application US/08241465B
 Patent No. 5719125
 GENERAL INFORMATION:
 APPLICANT: Fujio SUZUKI
 APPLICANT: Yuji HIRAKI
 APPLICANT: Kazuhiro TAKAHASHI
 APPLICANT: Junko SUZUKI
 APPLICANT: Atsuko KOHARA
 APPLICANT: Akiko MORI
 APPLICANT: Ei YAMADA
 TITLE OF INVENTION: HUMAN CHONDROMODULIN-1 PROTEIN
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Wenderoth, Lind & Ponack
 STREET: 805 Fifteenth Street, N.W., #700
 CITY: Washington
 COUNTRY: D.C.
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/241,465B
 FILING DATE: May 11, 1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Warren M. Cheek, Jr.
 REGISTRATION NUMBER: 33,367
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-8850
 TELEFAX:
 TELEX:
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Other nucleic acid, Synthetic DNA
 US-08-241-465B-12

Query Match 0.3%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 3785 CGAGGCGAGGCGCGCG 3801
 DB 3785 CGAGGCGAGGCGCGCG 3801

Db 18 CGAGCCATGGCGCGCG 2

RESULT 1154
 US-08-451-233-23
 Sequence 23, Application US/08451233
 Patent No. 5747641
 GENERAL INFORMATION:
 APPLICANT: FRANKEL, Alan
 APPLICANT: PABO, Carl
 APPLICANT: BARSOUM, James G.
 APPLICANT: FAMELI, Stephen E.
 APPLICANT: PERINSKY, R. B.
 TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FISH & NEAVE
 STREET: 1251 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10020
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,233
 FILING DATE: 25-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/235,403
 FILING DATE: 28-APR-1994
 APPLICATION NUMBER: US 07/934,375
 FILING DATE: 21-AUG-1992
 APPLICATION NUMBER: US 07/098,766
 FILING DATE: 28-JUL-1993
 APPLICATION NUMBER: PCT/US93/07833
 FILING DATE: 19-AUG-1993
 APPLICATION NUMBER: US 07/454,450
 FILING DATE: 21-DEC-1989
 APPLICATION NUMBER: US 07/636,662
 FILING DATE: 02-JAN-1991
 APPLICATION NUMBER: US 08/158,015
 FILING DATE: 24-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Haley Jr., James F.
 REGISTRATION NUMBER: 27,794
 REFERENCE/DOCKET NUMBER: B170 CIP 2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 596-9000
 TELEFAX: (212) 596-9090
 TELEX: 14-8367
 INFORMATION FOR SEQ ID NO: 23:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHEICAL: NO
 US-08-451-233-23

Query Match 0.3%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 4554 CCAGACCAAGCTTCAGTT 4570
 DB 4 CCAGACCAAGCTTCAGTT 20

RESULT 1155
US-08-450-236-23
; Sequence 23, Application US/08450236
; Patent No. 5804604
; GENERAL INFORMATION:
; APPLICANT: FRANKEL, Alan
; APPLICANT: PABO, Carl
; APPLICANT: BARSOUM, James G.
; APPLICANT: FAMELL, Stephen E.
; APPLICANT: PERINSKY, R. B.
; TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,236
; FILING DATE: 25-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/235,403
; FILING DATE: 28-APR-1994
; APPLICATION NUMBER: US 07/934,375
; FILING DATE: 21-AUG-1992
; APPLICATION NUMBER: US 07/098,766
; FILING DATE: 28-JUL-1993
; APPLICATION NUMBER: PCT/US93/07833
; FILING DATE: 19-AUG-1993
; APPLICATION NUMBER: US 07/454,450
; FILING DATE: 21-DEC-1989
; APPLICATION NUMBER: US 07/636,662
; FILING DATE: 02-JAN-1991
; APPLICATION NUMBER: US 08/158,015
; FILING DATE: 24-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B170 CIP 2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; TELEX: 14-8367
; INFORMATION FOR SEQ. ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; US-08-450-236-23

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4554 CCCAACCCACCACTT 4570
DB 4 CCCAGCCACCAAGGTT 20

RESULT 1156
US-08-418-859-18
; Sequence 18, Application US/08418859

; Patent No. 5811235
; GENERAL INFORMATION:
; APPLICANT: Jeffreys, Alec J.
; TITLE OF INVENTION: METHOD OF
; TITLE OF INVENTION: CHARACTERISATION
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cushman, Darby & Cushman
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.2 Mb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS 3.20
; SOFTWARE: ASCII from WPS-PLUS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,859
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/935,107
; FILING DATE: 26 August 1992
; APPLICATION NUMBER: 9118371.5
; FILING DATE: 27-Aug-1991
; APPLICATION NUMBER: 9118089.2
; FILING DATE: 06-Sep-1991
; APPLICATION NUMBER: 9124636.3
; FILING DATE: 20-No. 5811235-1991
; APPLICATION NUMBER: 9207379.0
; FILING DATE: 03-Apr-1992
; APPLICATION NUMBER: 921627.5
; FILING DATE: 15-Jun-1992
; APPLICATION NUMBER: 921881.8
; FILING DATE: 17-Jun-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KOKULIS, PAUL N.
; REGISTRATION NUMBER: 16,773
; REFERENCE/DOCKET NUMBER: 97279/PHM.36520/US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 822-0944
; TELEFAX: (202) 861-3000
; INFORMATION FOR SEQ. ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-418-859-18

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2685 GACAGCCAGACAGAT 2701
DB 2 GACAGCCAGAGCCAGAT 18

RESULT 1157
US-08-783-980-1/c
; Sequence 1, Application US/08782980
; Patent No. 5811537
; GENERAL INFORMATION:
; APPLICANT: FRIESEN, ALBERT D.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: THERAPEUTIC USE THEREOF IN HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster

STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782,980
FILING DATE: 14-JAN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/308,869
FILING DATE:
APPLICATION NUMBER: US 08/081,572
FILING DATE: 23-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 241802000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-782-980-1

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCGCAACGGCGG 422
DB 17 CAAGAGCGCGAGGCGCG 1

RESULT 1158
US-08-790-963-50
Sequence 50, Application US/08790963
Patent No. 5837464
GENERAL INFORMATION:
APPLICANT: Daniel J. Capon
TITLE OF INVENTION: Compositions And Methods For
TITLE OF INVENTION: Determining Anti-viral Drug Susceptibility And
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/790,963
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.

REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 50130-B/JPW/AKC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-790-963-50

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCT 283
DB 1 CCCATCTCTCTTCT 17

RESULT 1159
US-08-643-181-18
Sequence 18, Application US/08643181
Patent No. 5853989
GENERAL INFORMATION:
APPLICANT: Jefferys, Alec J.
TITLE OF INVENTION: METHOD OF
TITLE OF INVENTION: CHARACTERISATION
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cushman, Darby & Cushman
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.2 MB
MEDIUM TYPE: storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS 3.20
SOFTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,181
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/418,859
FILING DATE:
APPLICATION NUMBER: 07/935,107
FILING DATE: 26 August 1992
APPLICATION NUMBER: 9118371.5
FILING DATE: 27-Aug-1991
APPLICATION NUMBER: 9119089.2
FILING DATE: 06-Sep-1991
APPLICATION NUMBER: 9124636.3
FILING DATE: 20-No. 5853989-1991
APPLICATION NUMBER: 9207379.0
FILING DATE: 03-Apr-1992
APPLICATION NUMBER: 9212627.5
FILING DATE: 15-Jun-1992
APPLICATION NUMBER: 9212881.8
FILING DATE: 17-Jun-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 97279/BHM.36520/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (292) 861-3000
TELEFAX: (202) 822-0944

INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-643-181-18

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2685 GACAGCCAGGACAGAT 2701
Db 2 GACAGCCAGGACGAGT 18

RESULT 1160
US-08-651-692-1/c
Sequence 1, Application US/08651692
Patent No. 5856099

GENERAL INFORMATION:
APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,692
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0144
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-651-692-1

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 216 AGCGCGGAGCGCGTGG 232
Db 20 AGCGCGGAGCGCGCTGG 4

RESULT 1161

US-08-808-474A-22/c
Sequence 22, Application US/08808474A
Patent No. 5856103

GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSER: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas
STATE: Texas
COUNTRY: USA
ZIP: 75201-6776

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001

TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-808-474A-22

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 406 CAAGAGGCAAGCGGCGG 422
Db 17 CAAGAGGCAAGCGGCGG 1

RESULT 1162

US-08-227-180B-30/c
Sequence 30, Application US/08227180B
Patent No. 5866998

GENERAL INFORMATION:
APPLICANT: Ecker et al.
TITLE OF INVENTION: Modulation of Gene Expression
TITLE OF INVENTION: Through Interference with RNA Secondary Structure
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,180B
FILING DATE: April 13, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/518,929
FILING DATE: May 4, 1990
APPLICATION NUMBER: PCT/US91/02588
FILING DATE: April 15, 1991
APPLICATION NUMBER: 07/801,168
FILING DATE: No. 5866698ember 20, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-1420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-227-180B-30

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4299 GCAACAAACAGCTCTGGG 4315
DB 17 GCAACTCACAGCTCTGGG 1

RESULT 1163
US-08-927-561-72
Sequence 72, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-72

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3713 TGATCGCGCGAGCGGC 3729
DB 1 TGATCGCGCGAGTGGC 17

RESULT 1164
US-08-927-561-73
Sequence 73, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-73

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3713 TGATCGCGCGAGCGGC 3729
DB 2 TGATCGCGCGAGTGGC 18

RESULT 1165
US-08-910-629A-19
Sequence 19, Application US/08910629A
Patent No. 5877309

GENERAL INFORMATION:
APPLICANT: Robert A. McKay
APPLICANT: Nicholas M. Dean
APPLICANT: Brett Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-910-629A-19

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4511 GGATGACCTCGAGAGCT 4527
DB 1 GGATGACCTCGAGGTCT 17

RESULT 1166
US-08-717-291-3
Sequence 3, Application US/08717291
Patent No. 5908773
GENERAL INFORMATION:
APPLICANT: Caesaran Ethel
APPLICANT: Atvanitakis, Leandros
APPLICANT: Knowles, Daniel M.
TITLE OF INVENTION: KSHV POSITIVE CELL LINES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: NIXON, HARGRAVE, DEVANS & DOYLE LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/717,291
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19603/1360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-717-291-3

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGA 1680
DB 2 CTAGCTTTGCAGCAGA 18

RESULT 1167
US-08-346-832-9/C
Sequence 9, Application US/08346832
Patent No. 5935779
GENERAL INFORMATION:
APPLICANT: Massey, Richard J.
APPLICANT: Blackburn, Gary F.
APPLICANT: Leland, John K.
APPLICANT: Shah, Hareesh P.
APPLICANT: Goodman, Jack
APPLICANT: Kenton, John
APPLICANT: Lowe, George E.
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,832
FILING DATE: 30-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FILING DATE: 24-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/652,427
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/539,389
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 370068-3400
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-346-832-9

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCAGCGCGC 3927
DB 18 GCCCAGCAGCGCGC 2

RESULT 1168
US-08-346-832-11
Sequence 11, Application US/08346832
Patent No. 5935779
GENERAL INFORMATION:
APPLICANT: Massey, Richard J.
APPLICANT: Blackburn, Gary F.
APPLICANT: Leland, John K.
APPLICANT: Shah, Hareesh P.
APPLICANT: Goodman, Jack
APPLICANT: Kenton, John
APPLICANT: Lowe, George E.
APPLICANT: Namba, Yuzaburo
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,832
FILING DATE: 30-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FILING DATE: 24-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/652,427
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/539,389
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Barry
REGISTRATION NUMBER: 22,802

REFERENCE/DOCKET NUMBER: 370068-3400
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-346-832-11

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCAGCGCGC 3927
DB 3 GCCCAGCAGCGCGC 19

RESULT 1169
US-08-483-528B-77
Sequence 77, Application US/08483528B
Patent No. 593532
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KIYAMA, YOSHITAKA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHVE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,528B
FILING DATE: 07-JUN-95
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-483-528B-77

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGAACATGCA 537
DB 3 CTGCTGAACATGCA 19

RESULT 1170
US-08-483-528B-78/c
Sequence 78, Application US/08483528B
Patent No. 5939532
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KIWANA, YOSHIOHSA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHVE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,528B
FILING DATE: 07-JUN-95
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
FAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-483-528B-78

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGAACCATGCA 537
DB 18 CTGCTGAACCATGCA 2

RESULT 1171
US-08-975-211-6/c
Sequence 6, Application US/08975211
Patent No. 5948902
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E
APPLICANT: Dean, Nicholas M
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jaechle Fleischmann & Muegel, LLP
STREET: 39 State Street
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14614-1310
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975,211
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Braman, Susan J
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 87647,978407
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-262-3640
FAX: 716-262-4133
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-975-211-6

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1412 TGAGGTGAAGCCAGCT 1428
DB 19 TGAGGTGAAGCCAGCT 3

RESULT 1172
US-08-273-402B-12/c
Sequence 12, Application US/08273402B
Patent No. 5958403
GENERAL INFORMATION:
APPLICANT: Strom, Terry
APPLICANT: Rubin-Kelly, Vicki E.
APPLICANT: Lieberman, Towia
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,402B
FILING DATE: 11-JUL-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/024,569
FILING DATE: 01-MAR-1993
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER: 07/843,731
FILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul T. Clark, Esq.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 05311/012001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
FAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:

LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-273-402B-12

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3757 TGGCGTCTTCACGTGC 3773
Db 19 TGGCGTCTTCGCAAGTGC 3

RESULT 1173
US-08-160-063-9/c
Sequence 9, Application US/08160063
Patent No. 5962218
GENERAL INFORMATION:
APPLICANT: Leland, Jonathan K.
APPLICANT: Shah, Hareesh P.
APPLICANT: Kenten, John H.
APPLICANT: Goodman, Jack E.
APPLICANT: Lowke, George E.
APPLICANT: Blackburn, Gary F.
APPLICANT: Massey, Richard J.
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25 Flr
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/160,063
FILING DATE: 24-NOV-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CON OF 07/827,270
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/652,427
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/266,882
FILING DATE: 03-NOV-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/539,389
FILING DATE: 18-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 370068-3680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-160-063-9

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACGCGCGCCG 3927
Db 18 GCCCACCACGCGCGCGCCG 2

RESULT 1174
US-08-160-063-11
Sequence 11, Application US/08160063
Patent No. 5962218
GENERAL INFORMATION:
APPLICANT: Leland, Jonathan K.
APPLICANT: Shah, Hareesh P.
APPLICANT: Kenten, John H.
APPLICANT: Goodman, Jack E.
APPLICANT: Lowke, George E.
APPLICANT: Blackburn, Gary F.
APPLICANT: Massey, Richard J.
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25 Flr
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/160,063
FILING DATE: 24-NOV-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CON OF 07/827,270
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/652,427
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/266,882
FILING DATE: 03-NOV-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/539,389
FILING DATE: 18-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 370068-3680
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-160-063-11

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACCGCGCGC 3927
Db 3 GCCCACCACCGCGCGC 19

RESULT 1175
US-09-166-203-49/c
Sequence 49, Application US/09166203A
Patent No. 5968826
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0323
CURRENT APPLICATION NUMBER: US/09/166,203A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 60
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-203-49

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2984 GCCCAGCAAGCGCAGC 3000
Db 20 GCCCAGCAAGCGCAGC 4

RESULT 1176
US-08-910-408-81/c
Sequence 81, Application US/08910408
Patent No. 5972704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,408

FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,880
FILING DATE: July 7, 1994
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-910-408-81

QY 4285 CGCAGCAGCGCGGCA 4301
Db 17 CACAGCAGCGCGGCA 1

RESULT 1177
US-08-910-408-88/c
Sequence 88, Application US/08910408
Patent No. 5972704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,408
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,880
FILING DATE: July 7, 1994
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 88:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-910-408-88

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCAGCAGCAGCGGCA 4301
Db 17 CACACACACACGCGCA 1

RESULT 1178
US-08-319-795-11/C
Sequence 11, Application US/08319795
Patent No. 5980909
GENERAL INFORMATION:
APPLICANT: Brillies, David E.
APPLICANT: Yother, Janet L.
APPLICANT: McDaniel, Larry S.
TITLE OF INVENTION: Epitopic Regions of Pneumococcal Surface
TITLE OF INVENTION: Protein A
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheomaker and Matzare, Ltd.
STREET: 1203 Crystal Plaza Bldg. 1, 2001 Jefferson
STREET: Davis Highway
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202-0286
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,795
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/246,636
FILING DATE: 20-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/048,896
FILING DATE: 20-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/835,698
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/656,773
FILING DATE: 15-FEB-1991
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 415-0810
TELEFAX: (703) 415-0813
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-795-11

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGACAGCAGA 1680
Db 20 CCAGCTCTGACACCAA 4

RESULT 1179
US-08-874-186-51/C
Sequence 51, Application US/08874186
Patent No. 5989885
GENERAL INFORMATION:
APPLICANT: Teng, David H-F.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/874,186
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,482
FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-121392-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer."
US-08-874-186-51

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 308 GTAATGAGGAAGTTCTC 324
Db 19 GCAATGAGGAATTTCTC 3

RESULT 1180
US-08-468-985-11/C
Sequence 11, Application US/08468985
Patent No. 5997882
GENERAL INFORMATION:

APPLICANT: Briles, David E.
APPLICANT: Yocher, Janet L.
APPLICANT: McDaniel, Larry S
TITLE OF INVENTION: Epitopic Regions of Pneumococcal Surface
TITLE OF INVENTION: Protein A
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheomaker and Mathare, Ltd.
STREET: 1203 Crystal Plaza Bldg. 1, 2001 Jefferson
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202-0286
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,985
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/319,795
FILING DATE:
APPLICATION NUMBER: US 08/246,636
FILING DATE: 20-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/048,896
FILING DATE: 20-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/835,698
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/656,773
FILING DATE: 15-FEB-1991
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 415-0810
TELEFAX: (703) 415-0813
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-468-985-11

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCGAGCTCGACGACGA 1680
DB 20 CCGAGCTCGACGACCAA 4

RESULT 1181
US-09-289-368-10
Sequence 10, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSI
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-10

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2061 CTGGGGAACAGGAGC 2077
DB 4 CTGGGGAACAGGAGC 20

RESULT 1182
US-09-289-368-53/c
Sequence 53, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSI
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-53

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4146 CCGGAGCTCCTGCTGG 4162
DB 20 CCGGAGCTCCTGCTGG 4

RESULT 1183
US-08-673-799C-77
Sequence 77, Application US/08673799C
Patent No. 6042828
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: KUMANA, YOSHIHISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/673,799C
FILING DATE: 27-JUN-96
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000

TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-673-799C-77

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGACCATGCGCA 537
DB 3 CTGCTGACCATGCGCA 19

RESULT 1184
US-08-673-799C-78/C
Sequence 78, Application US/08673799C
Patent No. 6042828
GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENTA
APPLICANT: HANAI, NOBUO
APPLICANT: KUMANA, YOSHIIISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/673,799C
FILING DATE: 27-JUN-96
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-673-799C-78

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGACCATGCGCA 537
DB 18 CTGCTGACCATGCGCA 2

RESULT 1185
US-08-981-462-24

Sequence 24, Application US/08981462
Patent No. 6054275
GENERAL INFORMATION:
APPLICANT: Morgan, Una
APPLICANT: Thompson, Richard C.A.
TITLE OF INVENTION: NOVEL DETECTION METHODS FOR
TITLE OF INVENTION: CRYPTOSPORIDIUM
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive/6300 Sears Tower
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/981,462
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: PCT/AU96/00387
APPLICATION NUMBER: 25-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Cawley, Jr., Thomas A.
REGISTRATION NUMBER: 40,944
REFERENCE/DOCKET NUMBER: 28594/34423
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-981-462-24

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1035 CTTCGAGAGCATCT 1051
DB 1 CTTCGAGAGCATCTCT 17

RESULT 1186
US-09-344-001-26
Sequence 26, Application US/09344001
Patent No. 6054440
GENERAL INFORMATION:
APPLICANT: Bretz P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION
FILE REFERENCE: RTS-0067
CURRENT APPLICATION NUMBER: US/09/344,001
CURRENT FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-001-26

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 TTCGAGAGAGCATCTT 1052
Db 1 TTCGAGAGAGCATCTT 17

RESULT 1187

US-08-478-087-13/c
; Sequence 13, Application US/08478087

; Patent No. 6077685

; GENERAL INFORMATION:

; APPLICANT: Trofater, James A.

; APPLICANT: MacCollin, Mia M.

; APPLICANT: Gubella, James F.

; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses

; TITLE OF INVENTION: Thereof

; NUMBER OF SEQUENCES: 120

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

; STREET: 1100 New York Avenue, N.W., Suite 600

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20005-3934

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/171,718

; FILING DATE: 22-DEC-1993

; APPLICATION NUMBER: US 08/108,808

; FILING DATE: 19-AUG-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/022,034

; FILING DATE: 25-FEB-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/026,063

; FILING DATE: 04-MAR-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Brown, Anne

; REGISTRATION NUMBER: 36,463

; REFERENCE/DOCKET NUMBER: 0609.3850003

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 13:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-478-087-13

Qy 190 GCCAGAGAGAGAGGC 206

Db 17 GCCAGAGAGAGAGGC 1

RESULT 1188

US-08-478-087-80
; Sequence 80, Application US/08478087

; Patent No. 6077685

; GENERAL INFORMATION:

; APPLICANT: Trofater, James A.

; APPLICANT: MacCollin, Mia M.

; APPLICANT: Gubella, James F.

; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses

; TITLE OF INVENTION: Thereof

; NUMBER OF SEQUENCES: 120

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

; STREET: 1100 New York Avenue, N.W., Suite 600

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20005-3934

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/478,087

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/171,718

; FILING DATE: 22-DEC-1993

; APPLICATION NUMBER: US 08/108,808

; FILING DATE: 19-AUG-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/022,034

; FILING DATE: 25-FEB-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/026,063

; FILING DATE: 04-MAR-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Brown, Anne

; REGISTRATION NUMBER: 36,463

; REFERENCE/DOCKET NUMBER: 0609.3850003

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 80:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-478-087-80

Qy 3056 GGAGTCAAGCTCCAGA 3072

Db 3 GGAGTCAAGCTCCAGA 19

RESULT 1189

US-08-473-313-9/c
; Sequence 9, Application US/08473313

; Patent No. 6078782

; GENERAL INFORMATION:

; APPLICANT: Massey, Richard J.

; APPLICANT: Blackburn, Gary F.

; APPLICANT: Ireland, John K.

; APPLICANT: Shah, Harsh P.

; APPLICANT: Goodman, Jack

; APPLICANT: Kenyon, John

; APPLICANT: Lowke, George E.

; APPLICANT: Namba, Yuzaburo

; TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED

TITLE OF INVENTION: LUMINESCENCE ASSAYS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,313
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FILING DATE: 24-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/652,427
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/539,389
PRIOR APPLICATION DATA: US 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 370068-3414
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-473-313-9

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACGACGCGC 3927
DB 18 GCCCACCACGACGCGC 2

RESULT 1190
US-08-473-313-11
Sequence 11, Application US/08473313
Patent No. 6078782
GENERAL INFORMATION:
APPLICANT: Massey, Richard J.
APPLICANT: Blackburn, Gary F.
APPLICANT: Leland, John K.
APPLICANT: Shah, Hareesh P.
APPLICANT: Goodman, Jack
APPLICANT: Kenton, John
APPLICANT: Lowke, George E.
APPLICANT: Namba, Yuzaburo
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor

CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,313
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FILING DATE: 24-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/652,427
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/539,389
PRIOR APPLICATION DATA: US 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 370068-3414
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-473-313-11

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACGACGCGC 3927
DB 3 GCCCACCACGACGCGC 19

RESULT 1191
US-08-728-603-3
Sequence 3, Application US/08728603
Patent No. 6093806
GENERAL INFORMATION:
APPLICANT: Caesarman, Ethel
APPLICANT: Knowles, Daniel M.
TITLE OF INVENTION: PROTEINS OF KAPOSI'S SARCOMA ASSOCIATED
TITLE OF INVENTION: HERPESVIRUS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON, HARGRAVE, DEVANS & DOYLE LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: USA
ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,603

FILING DATE: 10-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19603/720
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-728-603-3

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCACA 1680
DB 2 CTAGCTCTGCAGCACA 18

RESULT 1192
US-09-358-685-30/C

Sequence 30, Application US/09358685
Patent No. 6121047
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-1 EXPRESSION
FILE REFERENCE: RTS-0081
CURRENT APPLICATION NUMBER: US/09/358,685
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-685-30

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2174 CTATATGACATTCTCC 2190
DB 18 CTACAGAAACATTCTCC 2

RESULT 1193
US-08-532-896-45

Sequence 45, Application US/08532896
Patent No. 6124115
GENERAL INFORMATION:
APPLICANT: LUDU-THE, Van
APPLICANT: LABRIE, Fernand
TITLE OF INVENTION: PRODUCTION AND USE OF ISOLATED TYPE 5
TITLE OF INVENTION: 17B-HYDROXYSTEROID DEHYDROGENASE
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ostrolenk, Faber, Gerb & Soffen
STREET: 1180 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: US
ZIP: 10036-8403

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/532,896

FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

NAME: Meliman, Edward
REGISTRATION NUMBER: 24,735
REFERENCE/DOCKET NUMBER: P/1259-313

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 382-0700
TELEFAX: (212) 382-0888

TELEX: 236925

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-532-896-45

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2748 AATTTCTACTGAGCTT 2764
DB 2 AACTTCTACTGAGCTT 18

RESULT 1194

US-09-418-641-64/C
Sequence 64, Application US/09418641A
Patent No. 6124133
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-64

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 794 GACCATCTGCAATAC 810
DB 17 GACCATCTGCAATAC 1

RESULT 1195

US-09-074-357-9/C
Sequence 9, Application US/09074357
Patent No. 6133024
GENERAL INFORMATION:
APPLICANT: GIOVANNANGELI, CARINE
APPLICANT: HELENE, CLAUDE

```

; TITLE OF INVENTION: GENE EXPRESSION CONTROL
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/074,357
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,274
; FILING DATE:
; APPLICATION NUMBER: FR 93-15798
; FILING DATE: 29-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 94-01536
; FILING DATE: 27-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: 38,619
; REFERENCE/DOCKET NUMBER: EX93022-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-074-357-9

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      267 CCCCTCTCTCTCTTCT 283
DB      20 CCCATCTCTCTCTCTTCT 4

RESULT 1196
US-09-287-796-19
; Sequence 19, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 19
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-287-796-19

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4511 GGATGACCTCGAGAGCT 4527
DB      1 GGATGACCTCGAGTGTCT 17

RESULT 1197
US-09-418-640-37/c
; Sequence 37, Application US/09418640
; Patent No. 6140125
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
; FILE REFERENCE: RTS-0102
; CURRENT APPLICATION NUMBER: US/09/418,640
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-418-640-37

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2114 AGGGTTCGTCAACAGCC 2130
DB      20 AGAGTTCCTCAACAGCC 4

RESULT 1198
US-09-429-323-32/c
; Sequence 32, Application US/09429323A
; Patent No. 6140126
; Patent No. 6140126 6140123
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-429-323-32

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3794 GCGCGCGCGCGGAGACA 3810
DB      17 GCCTGCCGCGCGGAGACA 1
```

RESULT 1199
US-09-135-021-33
Sequence 33, Application US/09135021A
Patent No. 6150104
GENERAL INFORMATION:
APPLICANT: Splawski, Igor
APPLICANT: Keating, Mark T.
TITLE OF INVENTION: A HOMEOUS MUTATION IN KYLQ1 WHICH CAUSES JERVELL
FILE REFERENCE: 2323-128
CURRENT APPLICATION NUMBER: US/09/135,021A
EARLIER FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/874,655
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-135-021-33

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGCACG 755
DB 4 TCTCCAGCTGCACG 20

RESULT 1200
US-09-249-215-81/c
Sequence 81, Application US/09249215
Patent No. 6159692
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
HUMAN IMMUNODEFICIENCY VIRUS
REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249,215
FILING DATE: 12-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,408
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 81:
US-09-249-215-81

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGCA 4301
DB 17 CACACACGACGCGCA 1

RESULT 1201
US-09-249-215-88/c
Sequence 88, Application US/09249215
Patent No. 6159692
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowitra
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
HUMAN IMMUNODEFICIENCY VIRUS
REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249,215
FILING DATE: 12-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,408
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 88:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 88:
US-09-249-215-88

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301
17 CACACACACGACGCGGCA 1

RESULT 1202
US-09-444-053-78/c
Sequence 78, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 78
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-78

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2487 AAAGCGACGAGTAA 2503
17 AAAGCGTACGAGGAGAA 1

RESULT 1203
US-09-359-756-36
Sequence 36, Application US/09359756
Patent No. 6168950
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION
FILE REFERENCE: RTS-0077
CURRENT APPLICATION NUMBER: US/09/359,756
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-756-36

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1196 ATCCCTGAGTCTCTGC 1212
||||| ||||| |||

Db 3 ATCCCTGAGTCTATGC 19

RESULT 1204
US-08-869-276-16/c
Sequence 16, Application US/08869276
Patent No. 6174670
GENERAL INFORMATION:
APPLICANT: Witte, Carl T.
APPLICANT: Rasmussen, Randy P.
TITLE OF INVENTION: Monitoring Hybridization During PCT
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Thorpe, No. 6174670th & Western, L.L.P.
STREET: 9035 South 700 East, Suite 200
CITY: Sandy
STATE: Utah
COUNTRY: USA
ZIP: 84070

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: Toshiba T2150CDS
OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/869,276
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/658,993
FILING DATE: 04-JUN-96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-MAR-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: 8616.CIP7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (801)566-6633
TELEFAX: (801)566-0750
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
US-08-869-276-16

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACGCGCGCAGAGAAC 48
Db 18 ACGCGCAGCAGAGATCC 2

RESULT 1205
US-09-490-692-86/c
Sequence 86, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 86
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-86

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1689 AACCACTCAGACGAGCC 1705
DB 17 AACCAATCAGAGAGCC 1

RESULT 1206
US-09-490-692-162/C
Sequence 162, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 162
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-162

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1186 GGACCTCCCATCCCTG 1202
DB 20 GGACCTCCCATCCACTG 4

RESULT 1207
US-09-235-614-22/C
Sequence 22, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: CLARK, CHRISTOPHER L.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 9156/66384
CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: S-ASO
US-09-235-614-22

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCAACGGCGG 422
DB 17 CAAGAGCGCAGGGCGG 1

RESULT 1208
US-09-517-584A-38/C
Sequence 38, Application US/09517584A
Patent No. 6187587

GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-38

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 CTGACTGCCAGCTCCTG 922
DB 19 CTGACAGCCAGCGCCTG 3

RESULT 1209
US-09-517-584A-60
Sequence 60, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-60

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 248 GGTGACGGCCAGGCGC 264
DB 1 GGAGGACGGCCAGGAC 17

RESULT 1210
US-09-050-159-34/C
Sequence 34, Application US/09050159A
Patent No. 6197505
GENERAL INFORMATION:
APPLICANT: No. 6197505berg, Leif T
APPLICANT: Andersson, Maria K

```
APPLICANT: Linetrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-34
```

```
Query Match          0.3%: Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1077 ACTCAGCTCGCCGAGCA 1093
Db      20  ACTCAGCTCGCTGAGAA 4
```

```
RESULT 1211
US-09-290-640-19/c
; Sequence 19, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcusson, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0351
; CURRENT APPLICATION NUMBER: US/09/290,640
; CURRENT FILING DATE: 1998-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-290-640-19
```

```
Query Match          0.3%: Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      399 AGGCCACCAAGAGCAA 415
Db      19  AGTCCACCAAAAGCAA 3
```

```
RESULT 1212
US-09-103-875-74/c
; Sequence 74, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES
; FILE REFERENCE: 106101,194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
```

```
EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-103-875-74
```

```
Query Match          0.3%: Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      293 TCTTGCTTGTTCTGT 309
Db      19  TCTTGCTTGTTCTGT 3
```

```
RESULT 1213
US-09-130-616-19
; Sequence 19, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-19
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Query Match          0.3%: Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4511 GGATGACCTCGAGAGCT 4527
Db      1  GGATGACCTCGAGTCT 17
```

```
RESULT 1214
US-09-313-932-428
; Sequence 428, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 428
; LENGTH: 20
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-428

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2798 TCAGGAGGAGAAATG 2814
|||||
DB 1 TCAGGAGGAGAGAGG 17

RESULT 1215

US-09-635-344-16/c
Sequence 16, Application US/09635344
Patent No. 6232079
GENERAL INFORMATION:
APPLICANT: Wiltner, Carl T.
APPLICANT: Ririe, Kirk M.
APPLICANT: Rasmussen, Randy P.
TITLE OF INVENTION: Monitoring Hybridization During PCT
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thorpe, No. 6232079th & Western, L.L.P.
STREET: 9035 South 700 East, Suite 200
CITY: Sandy
STATE: Utah
COUNTRY: USA
ZIP: 84070

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/635,344
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/869,276
FILING DATE:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-MAR-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: 8616.CTP7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (801)566-6633
TELEFAX: (801)566-0750
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
US-09-635-344-16

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACGGCGCAGAGAAC 48
|||||
DB 18 ACGGAGCAGAGATCC 2

RESULT 1216
US-09-282-736-6/c

Sequence 6, Application US/09282736A
Patent No. 6235891
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
TITLE OF INVENTION: Glucocorticoid Receptor Agonist and Decreased PPS
FILE REFERENCE: 004,00220
CURRENT APPLICATION NUMBER: US/09/282,736A
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-282-736-6

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1412 TGAGGTGAAGCAGAGT 1428
|||||
DB 19 TGAGGTGAAGCAGAGT 3

RESULT 1217

US-09-371-774-50
Sequence 50, Application US/09371774
Patent No. 6242187
GENERAL INFORMATION:
APPLICANT: Daniel J. Capon
Christos John Petropoulos
TITLE OF INVENTION: Compositions And Methods For
Determining Anti-viral Drug Susceptibility And
Resistance And Anti-viral Drug Screening

NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version#1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/371,774
FILING DATE: 10-Aug-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 50130-F/JPW/CMR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-09-371-774-50

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 267 CCCCCCTCTCTTCT 283
| | | | | | | | | |
| | | | | | | | | |
DB 1 CCCCCTCTCTCTCT 17

RESULT 1218

US-09-398-629-16/c
; Sequence 16, Application US/09398629
; Patent No. 6245514
; GENERAL INFORMATION:
; APPLICANT: Wittwer, Carl T.
; Rasmussen, Randy P.
; Rittle, Kirk M.

; TITLE OF INVENTION: Monitoring Hybridization During PCR
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thorpe, No. 6245514th & Western, L.L.P.
; STREET: 9035 South 700 East, Suite 200
; CITY: Sandy
; STATE: Utah
; COUNTRY: USA
; ZIP: 84070

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: Toshiba T2150CDS
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word Perfect 7.0

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/398,629
; FILING DATE: 17-Mar-97
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/869,276
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/818,267
; FILING DATE: 17-Mar-97

; ATTORNEY/AGENT INFORMATION:
; NAME: Alan J. Howarth
; REGISTRATION NUMBER: 36,553
; REFERENCE/DOCKET NUMBER: 8616.C1P7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801)566-6633
; TELEFAX: (801)566-0750

; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear

US-09-398-629-16
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACGCGCCGACGAAAC 48
| | | | | | | | | |
| | | | | | | | | |
DB 18 ACGCGACGAGAACATCC 2

RESULT 1219

US-09-487-445-127
; Sequence 127, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176

; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-127

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4316 TCCCGACGCTGCTCTG 4332
| | | | | | | | | |
| | | | | | | | | |
DB 4 TCCCGACGAGCTCTTG 20

RESULT 1220
US-09-377-309-49/c
; Sequence 49, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowser, Lex M.

; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-49

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2984 GGGCACGAAACGCGC 3000
| | | | | | | | | |
| | | | | | | | | |
DB 20 GGGCACGAAACGCGGC 4

RESULT 1221
US-09-487-368A-83/c
; Sequence 83, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIB EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-83

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CCTGTGAGGCCCATCC 1282
DB 20 CCTGTGAGGCCCATCC 4

RESULT 1222
US-09-593-711A-188/c
Sequence 188, Application US/09593711A
Patent No. 6271030
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Madeline W. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 188
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-188

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3734 CAAGCAGGTGCCCGCGC 3750
DB 17 CAAGCAGGTGCCCGCGC 1

RESULT 1223
US-09-135-020-35
Sequence 35, Application US/09135020
Patent No. 6274332
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
FILE REFERENCE: 2323-131
CURRENT APPLICATION NUMBER: US/09/135,020
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-135-020-35

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGAGCCAG 755
DB 4 TCACCAAGCTGAGCCAG 20

RESULT 1224
US-09-135-010A-35
Sequence 35, Application US/09135010A
Patent No. 6277978
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connor, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/135,010A
CURRENT FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-135-010A-35

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGAGCCAG 755
DB 4 TCACCAAGCTGAGCCAG 20

RESULT 1225
US-08-870-511-25/c
Sequence 25, Application US/08870511
Patent No. 6287763
GENERAL INFORMATION:
APPLICANT: Lee, Frank
APPLICANT: Huszar, Dennis
APPLICANT: Gu, Wei
TITLE OF INVENTION: SCREENING METHODS FOR COMPOUNDS USEFUL IN THE
TITLE OF INVENTION: REGULATION OF BODY WEIGHT
FILE REFERENCE: 7853-083
CURRENT APPLICATION NUMBER: US/08/870,511
CURRENT FILING DATE: 1997-06-06
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-08-870-511-25

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2015 CAGCCATCTGTACTG 2031
DB 17 CATCCATCTGTACTG 1

```
RESULT 1226
US-09-484-617-147/c
; Sequence 147, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-147

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      611 CGAGTCCATCTCCCGG 627
DB      19 CGAGTCTCTCTCCCTGG 3

RESULT 1227
US-08-235-403-23
; Sequence 23, Application US/08235403
; Patent No. 6316003
; GENERAL INFORMATION:
; APPLICANT: FRANKEL, Alan
; APPLICANT: BARSDOM, James G.
; APPLICANT: FAWELL, Stephen E.
; APPLICANT: PEPINSKY, R. B.
; TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
; FILE REFERENCE: 0101.98
; CURRENT APPLICATION NUMBER: US/08/235,403
; CURRENT FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patent Release #1.0, Version #1.25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/235,403
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/934,375
; FILING DATE: 21-AUG-1992
; APPLICATION NUMBER: US 07/098,766
; FILING DATE: 28-JUL-1993
; APPLICATION NUMBER: PCT/US93/07833
; FILING DATE: 19-AUG-1993
; APPLICATION NUMBER: US 07/454,450
; FILING DATE: 21-DEC-1989
; APPLICATION NUMBER: US 07/636,662
; FILING DATE: 02-JAN-1991
; APPLICATION NUMBER: US 08/158,015
; FILING DATE: 24-NOV-1993
; ATTORNEY/AGENT INFORMATION:
```

```
NAME: Haley Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B170 CIP 2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; TELEX: 14-8367
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
US-08-235-403-23

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4554 CCCAACCACCAAGTT 4570
DB      4 CCCAGACCACCAAGTT 20

RESULT 1228
US-09-471-016-5
; Sequence 5, Application US/09471016
; Patent No. 6316195
; GENERAL INFORMATION:
; APPLICANT: Frederick, Reid D.
; APPLICANT: Tooley, Paul W.
; APPLICANT: Bonde, Morris R.
; APPLICANT: Knorr, David A.
; APPLICANT: Peterson, Gary L.
; APPLICANT: Schaad, No. 6316195man W.
; TITLE OF INVENTION: An Improved Method for the Detection and Identification
; TITLE OF INVENTION: of Tilletia indica, the Causal Organism of Karnal Bunt
; FILE REFERENCE: 0101.98
; CURRENT APPLICATION NUMBER: US/09/471,016
; CURRENT FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Tilletia indica
US-09-471-016-5

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2759 GGAGTTCACCTCGAGCT 2775
DB      4 GGACTACCACTCGAGCT 20

RESULT 1229
US-09-444-871-35
; Sequence 35, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Spilawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
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;/ CURRENT FILING DATE: 1999-11-22
;/ EARLIER APPLICATION NUMBER: US 09/135,020
;/ EARLIER FILING DATE: 1998-08-17
;/ EARLIER APPLICATION NUMBER: 08/921,068
;/ EARLIER FILING DATE: 1997-08-29
;/ EARLIER APPLICATION NUMBER: 08/739,383
;/ EARLIER FILING DATE: 1996-10-29
;/ EARLIER APPLICATION NUMBER: 60/019,014
;/ EARLIER FILING DATE: 1995-12-22
;/ EARLIER APPLICATION NUMBER: 60/094,477
;/ EARLIER FILING DATE: 1998-07-29
;/ NUMBER OF SEQ ID NOS: 114
;/ SOFTWARE: PatentIn Ver. 2.0
;/ SEQ ID NO 35
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
;/ US-09-444-871-35

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 TCACCAAGCTGACCCAG 755
Db 4 TCTCCAGCTGACCCAG 20

RESULT 1230
US-09-702-246-77/c
;/ Sequence 77, Application US/09702246
;/ Patent No. 6383809
;/ GENERAL INFORMATION:
;/ APPLICANT: C. Frank Bennett
;/ APPLICANT: Lex M. Cowart
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION
;/ FILE REFERENCE: R1S-0195
;/ CURRENT APPLICATION NUMBER: US/09/702,246
;/ CURRENT FILING DATE: 2000-10-30
;/ NUMBER OF SEQ ID NOS: 89
;/ SEQ ID NO 77
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Antisense Oligonucleotide
;/ US-09-702-246-77

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 469 CCTGGGGGTGCTGCGG 485
Db 17 CCAAGGTGCTGCGG 1

RESULT 1231
US-09-065-383-20/c
;/ Sequence 20, Application US/09065383
;/ Patent No. 6391543
;/ GENERAL INFORMATION:
;/ APPLICANT: BILLING-MEDEL, PATRICIA
;/ APPLICANT: COHEN, MAURICE
;/ APPLICANT: COLPITS, TRACEY L.
;/ APPLICANT: FRIEDMAN, PAULA N.
;/ APPLICANT: GORDON, JULIAN
;/ APPLICANT: GRANADOS, EDWARD N.
;/ APPLICANT: HODGES, STEVEN C.
;/ APPLICANT: KLAS, MICHAEL R.
;/ APPLICANT: KRATOCHVIL, JON D.
;/ APPLICANT: ROBERTS-RAFF, LISA
;/ APPLICANT: RUSSELL, JOHN C.

;/ APPLICANT: STROUPE, STEPHEN D.
;/ TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
;/ TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE
;/ NUMBER OF SEQUENCES: 33
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Abbott Laboratories
;/ STREET: 100 Abbott Park Road
;/ CITY: Abbott Park
;/ STATE: IL
;/ COUNTRY: USA
;/ ZIP: 60064-3500
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: DOS
;/ SOFTWARE: FastSeq for Windows Version 2.0
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/065,383
;/ FILING DATE:
;/ CLASSIFICATION:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/842,385
;/ FILING DATE: 23-APR-1997
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Becker, Cheryl L.
;/ REGISTRATION NUMBER: 35,441
;/ REFERENCE/DOCKET NUMBER: 6084.US.P1
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 847/935-1729
;/ TELEFAX: 847/938-2623
;/ TELEX:
;/ INFORMATION FOR SEQ ID NO: 20:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-09-065-383-20

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1880 TGAGAAGAGTGCTGG 1896
Db 18 TGTGAGGAGTGCTGG 2

RESULT 1232
US-09-245-248B-10/c
;/ Sequence 10, Application US/09245248B
;/ Patent No. 6395472
;/ GENERAL INFORMATION:
;/ APPLICANT: Abbott Laboratories
;/ APPLICANT: Leary, Thomas
;/ APPLICANT: Eker, James
;/ APPLICANT: Chalmers, Michelle
;/ APPLICANT: Simons, John
;/ APPLICANT: Birkmeyer, Larry
;/ APPLICANT: Muethoff, Scott
;/ APPLICANT: Pilot-Matias, Tam
;/ APPLICANT: Desai, Suresh
;/ APPLICANT: Mushawar, Isa
;/ TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
;/ FILE REFERENCE: 6461 US 01
;/ CURRENT APPLICATION NUMBER: US/09/245,248B
;/ CURRENT FILING DATE: 1999-02-05
;/ NUMBER OF SEQ ID NOS: 71
;/ SOFTWARE: FastSeq for Windows Version 4.0
;/ SEQ ID NO 10
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Homo sapien

FEATURE:
NAME/KEY: primer bind
LOCATION: (0)...(0)
OTHER INFORMATION: B19.2119-a1 primer
US-09-245-248B-10

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4606 GAAGCCCGAGTGCCTCC 4622
DB 18 GAAGCCCGAGTGCCTCC 2

RESULT 1233
US-09-167-109-213
Sequence 213, Application US/09167109
Patent No. 6399297
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsett, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 213
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-167-109-213

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1069 ATTAGACTCAGCTC 1085
DB 3 ATTAGACTCAGCTC 19

RESULT 1234
US-09-851-896-67/C
Sequence 67, Application US/09851896
Patent No. 6410325
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
FILE REFERENCE: RFS-0220
CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-67

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1982 GGTCGTGCCAGCCTG 1998

DB 19 GGAGCTGCCAGACTG 3

RESULT 1235
US-09-295-593-18/C
Sequence 18, Application US/09295593
Patent No. 6417169
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
APPLICANT: LEE, Yoon S.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
FILE REFERENCE: 032396-046
CURRENT APPLICATION NUMBER: US/09/295,593
CURRENT FILING DATE: 1999-04-22
EARLIER APPLICATION NUMBER: US 60/082,791
EARLIER FILING DATE: 1998-04-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-295-593-18

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 218 CCGCGCAGCCGTGCA 234
DB 20 CCGTCGACGCCGTGCA 4

RESULT 1236
US-09-597-735-35
Sequence 35, Application US/09597735
Patent No. 6420124
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curtan, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597,735
CURRENT FILING DATE: 2000-06-19
EARLIER APPLICATION NUMBER: 09/135,010
EARLIER FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-735-35

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;

QY 1982 GGTCGTGCCAGCCTG 1998

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 739 TCACCAAGCTGACACG 755
|||
Db 4 TCTCCAGGCTGACACG 20

RESULT 1237
US-09-036-637D-1/C
; Sequence 1, Application US/09036637D
; Patent No. 6420551
; GENERAL INFORMATION:
; APPLICANT: Friese, Albert D.
; TITLE OF INVENTION: Antisense Oligonucleotides Targeted
; FILE REFERENCE: 316082001303
; CURRENT APPLICATION NUMBER: US/09/036,637D
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: 08/782,980
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-09-036-637D-1

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCAACGGCGG 422
|||
Db 17 CAAGAGCAACGGCGG 1

RESULT 1238
US-09-036-637D-4/C
; Sequence 4, Application US/09036637D
; Patent No. 6420551
; GENERAL INFORMATION:
; APPLICANT: Friese, Albert D.
; TITLE OF INVENTION: Antisense Oligonucleotides Targeted
; FILE REFERENCE: 316082001303
; CURRENT APPLICATION NUMBER: US/09/036,637D
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: 08/782,980
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: 1,3,5,7,9,11,14,17,19
; OTHER INFORMATION: Base chemically modified by substitution of the
; OTHER INFORMATION: naturally occurring oxygen of the phosphodiester
; OTHER INFORMATION: backbone with sulfur to form the corresponding
; OTHER INFORMATION: phosphorochioate derivatives of the oligomer.
US-09-036-637D-4

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCAACGGCGG 422

Db 17 CAAGAGCAACGGCGG 1
|||

RESULT 1239
US-09-393-385B-77
; Sequence 77, Application US/09393385B
; Patent No. 6423511
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KIWANA, YOSHIOHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 27-JUN-96
; CLASSIFICATION:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100 77:
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-09-393-385B-77

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 CTGCTGAACCATGCA 537
|||
Db 3 CTGCTGAACCATGCA 19

RESULT 1240
US-09-393-385B-78/C
; Sequence 78, Application US/09393385B
; Patent No. 6423511
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KIWANA, YOSHIOHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA

```
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/393,385B
FILING DATE: 27-JUN-96
CLASSIFICATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      521 CTGCTGGACCATGGCA 537
Db      18 CTGCTGGACCATGGCA 2
```

```
RESULT 1241
US-09-444-295-35
; Sequence 35, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN IQT GENE
; FILE REFERENCE: 2223-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-35
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      739 TCACCAAGCTGACCAAG 755
Db      4 TCTCCAGGCTGACCAAG 20
```

```
RESULT 1242
US-09-676-610B-41
; Sequence 41, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-41
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2632 TTGAGCAGAGTCACT 2648
Db      2 TTGTGGCAGCAGTCACT 18
```

```
RESULT 1243
US-09-851-062-33
; Sequence 33, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-33
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2833 AGCTGCTGTGAAGTTT 2849
Db      1 AGCTGCTGTGTAGTTT 17
```

```
RESULT 1244
US-09-597-732-35
; Sequence 35, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQTI - A LONG QT SYNDROME GENE
```

FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597,732
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-732-35

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGCAGCAG 755
DB 4 TCTCCAGGCTGCAGCAG 20

RESULT 1245
US-09-517-467B-114/C
Sequence 114, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 114
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-114

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1091 GGACTCTGAATTGTGA 1107
DB 17 GGCTCTGAATCTGTCA 1

RESULT 1246
US-09-091-952A-97
Sequence 97, Application US/09091952A
Patent No. 6458532
GENERAL INFORMATION:
APPLICANT: Detere-Wadleigh, Sevilla D.

Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.

Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997

ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 97:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1...20
OTHER INFORMATION: D18S1226 reverse primer

SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-09-091-952A-97

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2792 CAAGAGTCAGAAAGAG 2808
DB 3 CAAGAGTCAGAAAGAG 19

RESULT 1247
US-09-091-952A-195
Sequence 195, Application US/09091952A
Patent No. 6458532
GENERAL INFORMATION:
APPLICANT: Detere-Wadleigh, Sevilla D.

Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 195:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..20
OTHER INFORMATION: Clone 48 reverse primer
US-09-091-952A-195
SEQUENCE DESCRIPTION: SEQ ID NO: 195:
Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2517 TCCTGGTGTGACCGAGT 2533
DB 4 TCCTGGTGTGACCGAGT 20
RESULT 1248
US-09-629-644A-83/c
Sequence 83, Application US/09629644A
Patent No. 6492345
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freiler
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIB EXPRESSION
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-83
Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1266 CCTGGTGTGACCGCAGTCC 1282
DB 20 CCTGGTGTGACCGCAGTCC 4
RESULT 1249
US-09-658-688A-72
Sequence 72, Application US/09658688A
Patent No. 6498035
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
FILE REFERENCE: RTS-0143
CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-72
Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4526 CTGAGGCTGTAGCCACC 4542
DB 4 CTGAGGCTGTAGCCACC 20
RESULT 1250
US-08-569-284-18/c
Sequence 18, Application US/08569284
Patent No. 6500417
GENERAL INFORMATION:
APPLICANT: DORSSERS J., LAMBERTUS C.
APPLICANT: VAN LEBN, ROBERT W.
TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,284
FILING DATE: 08-Dec-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/150,311
FILING DATE:
APPLICATION NUMBER: US 07/651,437

FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24615-20010.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ. ID NO.: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-569-284-16

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2650 CCAGCTTGTCTCCAG 2666
DB 18 CCAGCTGTCTTCAAG 2

RESULT 1251
US-08-714-741-9/c
Sequence 9, Application US/08714741
Patent No. 6500613
GENERAL INFORMATION:
APPLICANT: Briles, David E.
APPLICANT: McDaniel, Larry S.
APPLICANT: Swiatlo, Edwin
APPLICANT: Yoether, Janet
APPLICANT: Crain, Marilyn J.
APPLICANT: Hollingshead, Susan
APPLICANT: Tart, Rebecca
APPLICANT: Brooks-Walter, Alexis
TITLE OF INVENTION: PNEUMOCOCCAL GENES, PORTIONS THEREOF,
TITLE OF INVENTION: EXPRESSION PRODUCTS THEREFROM, AND USES OF SUCH GENES,
TITLE OF INVENTION: PORTIONS AND PRODUCTS
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSER: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: U.S.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,741
FILING DATE: 16-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Bsq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454312-2460
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ. ID NO.: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-714-741-9

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGA 1680
DB 20 CCAGCTCTGCACCAAA 4

RESULT 1252
US-08-714-741-28/c
Sequence 28, Application US/08714741
Patent No. 6500613
GENERAL INFORMATION:
APPLICANT: Briles, David E.
APPLICANT: McDaniel, Larry S.
APPLICANT: Swiatlo, Edwin
APPLICANT: Yoether, Janet
APPLICANT: Crain, Marilyn J.
APPLICANT: Hollingshead, Susan
APPLICANT: Tart, Rebecca
APPLICANT: Brooks-Walter, Alexis
TITLE OF INVENTION: PNEUMOCOCCAL GENES, PORTIONS THEREOF,
TITLE OF INVENTION: EXPRESSION PRODUCTS THEREFROM, AND USES OF SUCH GENES,
TITLE OF INVENTION: PORTIONS AND PRODUCTS
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSER: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: U.S.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,741
FILING DATE: 16-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Bsq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454312-2460
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ. ID NO.: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-714-741-28

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGA 1680
DB 20 CCAGCTCTGCACCAAA 4

RESULT 1253
US-09-668-313A-105/c
Sequence 105, Application US/09668313A
Patent No. 6503756

```
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Susan M. Preter
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0127
/ CURRENT APPLICATION NUMBER: US/09/668,313A
/ CURRENT FILING DATE: 2000-09-22
/ NUMBER OF SEQ ID NOS: 247
/ SEQ ID NO 105
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-105

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4592 GGTGAAGCATTAAGAA 4608
Db      20 GGTGAAGCATGAATAA 4

RESULT 1254
US-09-668-313A-247/c
/ Sequence 247, Application US/09668313A
/ Patent No. 6503756
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Susan M. Preter
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0127
/ CURRENT APPLICATION NUMBER: US/09/668,313A
/ CURRENT FILING DATE: 2000-09-22
/ NUMBER OF SEQ ID NOS: 247
/ SEQ ID NO 247
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-247

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      569 TTCAGAGCAGGCAAGG 585
Db      20 TTCAGAGCAGCCAGG 4

RESULT 1255
US-09-422-978-4035
/ Sequence 4035, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
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/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 4035
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: upstream amplification primer 99-12880 for SEQ 101,
US-09-422-978-4035

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1738 CCTGGAACATGGGTAAAC 1754
Db      3 CCTGGAATATGGGTAC 19

RESULT 1256
US-09-422-978-5596/c
/ Sequence 5596, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5596
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: upstream amplification primer 99-5447 for SEQ 1662,
US-09-422-978-5596

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1098 GAATTGTGAACAGC 1114
Db      17 GAATTGTGAACAGC 1

RESULT 1257
US-09-422-978-9288/c
/ Sequence 9288, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
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; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9288
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-24342 for SEQ 1423, in complem
US-09-422-978-9288

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2408 CGAGGAGGAAGAATCA 2424
DB      18 CGAGGAGGATGATCA 2

RESULT 1258
US-09-198-452A-1711
; Sequence 1711, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1711
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1711

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5135 TCCTTATGTTGCTTTT 5151
DB      4 TCCTTGTCTGCTTTT 20

RESULT 1259
US-09-198-452A-3151/C
; Sequence 3151, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3151

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5135 TCCTTATGTTGCTTTT 5151
DB      4 TCCTTGTCTGCTTTT 20

RESULT 1260
US-09-198-452A-6010/C
; Sequence 6010, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6010
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6010

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1645 AAAAGAGAGAGGCTTC 1661
DB      20 ATAAGAGAGAGGCTTC 4

RESULT 1261
US-09-198-452A-6315
; Sequence 6315, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6315
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6315

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2576 TTATGGAGTCCAGCG 2592
DB      1 TTATGGAGTCCAGCG 17

RESULT 1262
US-09-649-728-8/C
; Sequence 8, Application US/09649728
; Patent No. 6562564
; GENERAL INFORMATION:
; APPLICANT: Honkanen, Richard E
; TITLE OF INVENTION: DECREASING CELL PROLIFERATION BY
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
```

```

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3966 CTCGAGCTCCAGAG 3982
DB      20 CTCGAGCTCCAGAG 4

RESULT 1260
US-09-198-452A-6010/C
; Sequence 6010, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6010
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6010

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1645 AAAAGAGAGAGGCTTC 1661
DB      20 ATAAGAGAGAGGCTTC 4

RESULT 1261
US-09-198-452A-6315
; Sequence 6315, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6315
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6315

Query Match          0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2576 TTATGGAGTCCAGCG 2592
DB      1 TTATGGAGTCCAGCG 17

RESULT 1262
US-09-649-728-8/C
; Sequence 8, Application US/09649728
; Patent No. 6562564
; GENERAL INFORMATION:
; APPLICANT: Honkanen, Richard E
; TITLE OF INVENTION: DECREASING CELL PROLIFERATION BY
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
```


ADDRESSEE: Braman & Rogalsky, LLP
STREET: P.O. Box 352
CITY: Canandaigua
STATE: New York
COUNTRY: USA
ZIP: 14614-1310
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/649,728
FILING DATE: 28-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/975,127
FILING DATE: 20-NOV-1997
ATTORNEY/AGENT INFORMATION:
NAME: Braman, Susan J
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 004.00126
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-393-3002
TELEFAX: 716-393-3001
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-649-728-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1412 TGAGGTGAGGCGACAGT 1428
|||
19 TGAGGTGAGGCGCAAGT 3

RESULT 1263
US-09-460-555-6
Sequence 6, Application US/09460555
Patent No. 6563014
GENERAL INFORMATION:
APPLICANT: Albert Einstein College of Medicine of Yeshiva University
APPLICANT: Goldstein, Harris
APPLICANT: Paul, Jesse B.
TITLE OF INVENTION: SELF-CONTAINED SYSTEM FOR SUSTAINED VIRAL REPLICATION
FILE REFERENCE: 96700/552
CURRENT APPLICATION NUMBER: US/09/460,555
CURRENT FILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: primer
US-09-460-555-6

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

4103 GTCGGAGCCGACAGGA 4119
|||
|||

Db 3 GTAGGAGCCGACAGGA 19

RESULT 1264
US-09-922-146-36
Sequence 36, Application US/09922146
Patent No. 656133
GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
FILE REFERENCE: RTS-0252
CURRENT APPLICATION NUMBER: US/09/922,146
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-36

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1018 GCATGACACCACTGGG 1034
|||
4 GCAGGACACCCGTGGG 20

RESULT 1265
US-09-799-160-16/c
Sequence 16, Application US/09799160
Patent No. 6569627
GENERAL INFORMATION:
APPLICANT: Wiltner, Carl T.
APPLICANT: Raemussen, Randy P.
APPLICANT: Rittle, Kirk M.
TITLE OF INVENTION: Monitoring Hybridization During PCR
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thorpe, No. 6569627th & Western, L.L.P.
STREET: 9035 South 700 East, Suite 200
CITY: Sandy
STATE: Utah
COUNTRY: USA
ZIP: 84070
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: Toshiba T2150CDS
OPERATING SYSTEM: Windows 95
SOFTWARE: word Perfect 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/799,160
FILING DATE: 05-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/869,276
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-Mar-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: 8616.C1P7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (801)566-6633
TELEFAX: (801)566-0750
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-799-160-16

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 ACCGCCGACAGAACACC 48
DB 18 ACCGACAGAGAGATCC 2

RESULT 1266
US-09-597-731-35
Sequence 35, Application US/09597731
Patent No. 6582913

GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVL0T1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-113
CURRENT APPLICATION NUMBER: US/09/597,731
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-597-731-35

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACGAC 755
DB 4 TCTCCAGGCTGACGAC 20

RESULT 1267
US-08-529-055-9/C
Sequence 9, Application US/08529055
Patent No. 6592876

GENERAL INFORMATION:
APPLICANT: Biller, David E.
APPLICANT: McDaniel, Larry S.
APPLICANT: Swiatlo, Edwin
APPLICANT: Yotter, Janet
APPLICANT: Brooks-Walter, Alexis
TITLE OF INVENTION: Pneumococcal Genes, Portions
TITLE OF INVENTION: Thereof, Expression Products
TITLE OF INVENTION: Therefrom, and Uses of Such Genes,
TITLE OF INVENTION: Portions and Products
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford, P.C.

STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,055
FILING DATE: 15-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454312-2400
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-529-055-9

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1664 CCAGCTCCTGCACGAGA 1680
DB 20 CCAGCTCCTGCACCAA 4

RESULT 1268
US-09-825-497A-6/C
Sequence 6, Application US/09825497A
Patent No. 6599742
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN SERINE/THREONINE PRO
FILE REFERENCE: ISPH-0572
CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-825-497A-6

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1412 TGAGTGAAAGCAGACT 1428
DB 19 TGAGTGAAAGCAGCAACT 3

RESULT 1269
US-09-780-045-40/C
Sequence 40, Application US/09780045

```
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-40

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4259 ACCAAGTGTGAGGCTG 4275
Db      20 ACCAAGTGTGAGGCTG 4

RESULT 1270
US-09-463-048A-12
; Sequence 12, Application US/09463048A
; Patent No. 6630619
; GENERAL INFORMATION:
; APPLICANT: Commonwealth Scientific and Industrial Research Organisation
; APPLICANT: East, Peter David
; TITLE OF INVENTION: Toxin Genes from the Bacteria Xenorhabdus nematophilus and Photoc
; FILE REFERENCE: 050179-0076
; CURRENT APPLICATION NUMBER: US/09/463,048A
; CURRENT FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: PCT/AU98/00562
; PRIOR FILING DATE: 1998-07-17
; PRIOR APPLICATION NUMBER: PO 8088
; PRIOR FILING DATE: 1997-07-17
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Derived from X. nematophilus
US-09-463-048A-12

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2001 CACGAGAACCGATCAG 2017
Db      4 CACAGAAACCGATCAG 20

RESULT 1271
US-09-719-190-3/c
; Sequence 3, Application US/09719190
; Patent No. 6649171
; GENERAL INFORMATION:
; APPLICANT: Thonnard, Joelle
; TITLE OF INVENTION: Moraxella Catharrhalis Polynucleotides
; FILE REFERENCE: BM45326
; CURRENT APPLICATION NUMBER: US/09/719,190
; CURRENT FILING DATE: 2001-05-14
```

```
; PRIOR APPLICATION NUMBER: PCT/EP99/03824
; PRIOR FILING DATE: 1999-05-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FaelsSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-719-190-3

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      296 TGCTTGTTTCTGTAT 312
Db      17 TGCTTGTTTCTGTAT 1

RESULT 1272
US-09-665-615B-19/c
; Sequence 19, Application US/09665615B
; Patent No. 6651133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcuseon, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-19

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 AGGCCACCAAGGCCAA 415
Db      19 AGTCACCAAAAGGCCAA 3

RESULT 1273
US-09-665-615B-121
; Sequence 121, Application US/09665615B
; Patent No. 6651133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcuseon, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
```

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-665-615B-121

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4393 GATTGAGGTGGAGAT 4409
Db      1 GATTTAAGTTGGAGAT 17

RESULT 1274
US-09-860-473-133/C
/ Sequence 133, Application US/09860473
/ Patent No. 6656732
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
/ FILE REFERENCE: RTS-0222
/ CURRENT APPLICATION NUMBER: US/09/860,473
/ CURRENT FILING DATE: 2001-05-18
/ NUMBER OF SEQ ID NOS: 169
/ SEQ ID NO 133
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-133

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      588 GGGAGCTTCTCTCGTGG 604
Db      18 GGGACCTTCTCTGTGAG 2

RESULT 1275
US-09-980-052-209/C
/ Sequence 209, Application US/09980052
/ Patent No. 6670130
/ GENERAL INFORMATION:
/ APPLICANT: KIM, Jeong Uoon; SJ HIGHTECH Co., Ltd.
/ APPLICANT: KIM, Cheol Min
/ APPLICANT: PARK, Hee Kyung
/ TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
/ FILE REFERENCE: PP05020/PCT
/ CURRENT APPLICATION NUMBER: US/09/980,052
/ CURRENT FILING DATE: 2001-11-28
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019631
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019632
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019633
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019634
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019635
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-2000-0018189
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 243
/ SOFTWARE: Koparentin 1.71
/ SEQ ID NO 209
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
/ OTHER INFORMATION: acapulcensis
US-09-980-052-209

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      404 ACCAAGAGCGACGGGC 420
Db      18 ACCAAGAGCGACGGGC 2

RESULT 1276
US-09-495-714C-51/C
/ Sequence 51, Application US/09495714C
/ Patent No. 6670465
/ GENERAL INFORMATION:
/ APPLICANT: University Technologies International Inc.
/ TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
/ FILE REFERENCE: 45499.4 (formerly 45074.6)
/ CURRENT APPLICATION NUMBER: US/09/495,714C
/ CURRENT FILING DATE: 2000-02-01
/ NUMBER OF SEQ ID NOS: 138
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-495-714C-51

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      236 GGTGTATGGGACGGTGG 252
Db      17 GTTGTATGGGAGGCTGG 1

RESULT 1277
US-09-293-427-45
/ Sequence 45, Application US/09293427A
/ Patent No. 6686174
/ GENERAL INFORMATION:
/ APPLICANT: FANG, LI
/ APPLICANT: UJANG, WEINING
/ APPLICANT: MITTA, MASAYORI
/ APPLICANT: INOUE, MASAYORI
/ TITLE OF INVENTION: METHOD AND CONSTRUCTS FOR INHIBITING PROTEIN EXPRESSION
/ FILE REFERENCE: 913.6599P
/ CURRENT APPLICATION NUMBER: US/09/293,427A
/ CURRENT FILING DATE: 1999-04-16
/ EARLIER APPLICATION NUMBER: 60/013,922
/ EARLIER FILING DATE: 1996-03-22
/ EARLIER APPLICATION NUMBER: PCT/US97/24151
/ EARLIER FILING DATE: 1997-12-19
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: wordperfect 8.0
/ SEQ ID NO 45
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-293-427-45

Query Match      0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 5250 AATAATGTGCTTTC 5266
|||
Db 2 AATAAGTGTGCTTTC 18

RESULT 1278
US-09-966-451-27
; Sequence 27, Application US/09966451
; Patent No. 6692959
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESS
; FILE REFERENCE: RTS-0324
; CURRENT APPLICATION NUMBER: US/09/966,451
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-966-451-27

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2614 GCCCTGTCTTGGCCACA 2630
|||
Db 4 GTCCTGTCTTGTGCACA 20

RESULT 1279
US-09-966-451-55/c
; Sequence 55, Application US/09966451
; Patent No. 6692959
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESS
; FILE REFERENCE: RTS-0324
; CURRENT APPLICATION NUMBER: US/09/966,451
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-966-451-55

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4913 CATCACGAGCCACAGTT 4929
|||
Db 18 CATCACCAAAACACAGTT 2

RESULT 1280
US-09-032-438C-26/c
; Sequence 26, Application US/09032438C
; Patent No. 6713300
; GENERAL INFORMATION:
; APPLICANT: Ratner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.

; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. 6713300h F.
; APPLICANT: Smallwood, Phillip M.
; APPLICANT: Allkmetz, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
; TITLE OF INVENTION: ATP-Binding Cassette Transporter
; FILE REFERENCE: BYLR-0065
; CURRENT APPLICATION NUMBER: US/09/032,438C
; PRIOR FILING DATE: 1998-02-27
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-032-438C-26

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 917 CTCCTGTGAGCCACAG 933
|||
Db 20 CTCCTGTGAGCCACATG 4

RESULT 1281
US-08-983-605-328
; Sequence 328, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Trilicium aestivum and Tribe Trilicaceae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; PRIOR FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; PRIOR FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 328
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Trilicium aestivum
US-08-983-605-328

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5090 AGCTGTGCTTCTTGT 5106
|||
Db 1 AGCTGAGCTTGTCTGT 17

RESULT 1282
US-09-917-963-38
; Sequence 38, Application US/09917963
; Patent No. 6767739
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham

;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
;; FILE OF INVENTION: EXPRESSION
;; FILE REFERENCE: ISPH-0591
;; CURRENT APPLICATION NUMBER: US/09/917,963
;; CURRENT FILING DATE: 2001-07-30
;; NUMBER OF SEQ ID NOS: 137
;; SEQ ID NO 38
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-38

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2329 AGCAGCAGCAGTACGCA 2345
Db 3 AGCTGACGACGTGCGCA 19

RESULT 1283
PCT-US94-02891-6
;; Sequence 6, Application PC/TUS9402891
;; GENERAL INFORMATION:
;; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
;; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
;; APPLICANT: SERVICES
;; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
;; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
;; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
;; TITLE OF INVENTION: XSCID
;; NUMBER OF SEQUENCES: 69
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: MORGAN & FINNEGAN
;; STREET: 345 PARK AVE.
;; CITY: NEW YORK
;; STATE: NEW YORK
;; COUNTRY: USA
;; ZIP: 10154
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: FLOPPY DISK
;; COMPUTER: IBM PC COMPATIBLE
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WORD PERFECT # 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US94/02891
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/031,143
;; FILING DATE: 12-MAR-1993
;; APPLICATION NUMBER: 08/121,435
;; FILING DATE: 14-SEPT-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: WILLIAM S. FEILER
;; REGISTRATION NUMBER: 26,728
;; REFERENCE/DOCKET NUMBER: 2026-4061
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 212-758-4800
;; TELEFAX: 212-751-6849
;; TELEX: 421792
;; INFORMATION FOR SEQ ID NO: 6:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: SINGLE
;; TOPOLOGY: UNKNOWN
;; MOLECULE TYPE: UNKNOWN
;; DESCRIPTION: OLIGONUCLEOTIDE
;; HYPOTHETICAL: NO.

;; ANTI-SENSE: YES
;; ORIGINAL SOURCE:
;; ORGANISM: HUMAN
;; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-6

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4797 GTTGAAGACAGAGAA 4813
Db 1 GTTGAAGACAGAGAA 17

RESULT 1284
PCT-US94-02891-33/C
;; Sequence 33, Application PC/TUS9402891
;; GENERAL INFORMATION:
;; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
;; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
;; APPLICANT: SERVICES
;; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
;; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
;; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
;; TITLE OF INVENTION: XSCID
;; NUMBER OF SEQUENCES: 69
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: MORGAN & FINNEGAN
;; STREET: 345 PARK AVE.
;; CITY: NEW YORK
;; STATE: NEW YORK
;; COUNTRY: USA
;; ZIP: 10154
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: FLOPPY DISK
;; COMPUTER: IBM PC COMPATIBLE
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WORD PERFECT # 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US94/02891
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/031,143
;; FILING DATE: 12-MAR-1993
;; APPLICATION NUMBER: 08/121,435
;; FILING DATE: 14-SEPT-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: WILLIAM S. FEILER
;; REGISTRATION NUMBER: 26,728
;; REFERENCE/DOCKET NUMBER: 2026-4061
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 212-758-4800
;; TELEFAX: 212-751-6849
;; TELEX: 421792
;; INFORMATION FOR SEQ ID NO: 33:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: SINGLE
;; TOPOLOGY: UNKNOWN
;; MOLECULE TYPE:
;; DESCRIPTION: OLIGONUCLEOTIDE
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; ORIGINAL SOURCE:
;; ORGANISM: HUMAN
;; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-33

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4797 GTTGAAGGAGCAGGAA 4813

Db 20 GTTGAAGGAGGAGGAA 4

RESULT 1285

PCT-US95-06406A-12

; Sequence 12, Application PC/TUS9506406A

; GENERAL INFORMATION:

; APPLICANT: Janet D. Robshaw, Charles Kunsch

; TITLE OF INVENTION: CDNA Clones Encoding Human G Protein

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE:

; STREET:

; CITY:

; STATE:

; COUNTRY:

; ZIP:

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM 486

; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US95/06406A

; FILING DATE: Herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; ATTORNEY/AGENT INFORMATION:

; NAME:

; REGISTRATION NUMBER:

; REFERENCE/DOCKET NUMBER:

; TELECOMMUNICATION INFORMATION:

; TELEPHONE:

; TELEFAX:

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: No

PCT-US95-06406A-12

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.2e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3967 TCCAGCAGCTCCAGGGC 3983

Db 4 TCCAGCAGCTCCAGTGC 20

RESULT 1286

PCT-US96-09388-72

; Sequence 72, Application PC/TUS9609388

; GENERAL INFORMATION:

; APPLICANT: Smith, Larry J.

; TITLE OF INVENTION: Therapeutic Oligonucleotides

; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes

; NUMBER OF SEQUENCES: 114

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dann, Dorfman, Herrell and Skillman

; STREET: 1601 Market Street Suite 720

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

ZIP: 19103-2307

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US96/09388

; FILING DATE: 07-JUN-1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/379,180

; FILING DATE: 12-JUL-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Reed, Janet E.

; REGISTRATION NUMBER: 36,252

; REFERENCE/DOCKET NUMBER: 63082C

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215)563-4100

; TELEFAX: (215)563-4044

; INFORMATION FOR SEQ ID NO: 72:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: not relevant

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: YES

PCT-US96-09388-72

Query Match 0.3%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 1.2e+03;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3713 TGATGGCGGAGGAGGC 3729

Db 1 TGATGGCGGAGTGGGC 17

RESULT 1287

PCT-US96-09388-73

; Sequence 73, Application PC/TUS9609388

; GENERAL INFORMATION:

; APPLICANT: Smith, Larry J.

; TITLE OF INVENTION: Therapeutic Oligonucleotides

; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes

; NUMBER OF SEQUENCES: 114

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dann, Dorfman, Herrell and Skillman

; STREET: 1601 Market Street Suite 720

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

ZIP: 19103-2307

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US96/09388

; FILING DATE: 07-JUN-1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/379,180

; FILING DATE: 12-JUL-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Reed, Janet E.

; REGISTRATION NUMBER: 36,252

; REFERENCE/DOCKET NUMBER: 63082C

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-09388-73

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3713 TGATCGCGGCGAGGGCG 3729
DB 2 TGATGCGGCGAGTGGCG 18

RESULT 1288
5166195-5/C
PATENT NO. 5166195
APPLICANT: ECKER, David J.
TITLE OF INVENTION: ANTISENSE INHIBITORS OF THE HUMAN
IMMUNODEFICIENCY VIRUS PHOSPHOTHIOLATE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 8
CURRENT APPLICATION NUMBER: US/07/521,907
FILING DATE: 11-MAY-1990
SEQ ID NO: 5;
LENGTH: 20
5166195-5

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 CAAGAGCGAGGGCGG 422
DB 17 CAAGAGCGAGGGCGG 1

RESULT 1289
US-08-117-373-2/C
Sequence 2, Application US/08117373
Patent No. H001903
GENERAL INFORMATION:

APPLICANT: BOWDEN, PAUL E.
APPLICANT: LUO, XIAOCHUN
APPLICANT: MAWRZYNIAK, CYNTHIA J.
TITLE OF INVENTION: ISOLATED HAIR KERATIN GENES AND THEIR
TITLE OF INVENTION: USE IN HAIR GROWTH ACTIVE IDENTIFICATION ASSAYS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 11810 EAST MIAMI RIVER ROAD
CITY: CINCINNATI
STATE: OHIO

COUNTRY: USA
ZIP: 45239-8707

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,373
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CORSTANJE, BRAHM J.

REGISTRATION NUMBER: 34,804
REFERENCE/DOCKET NUMBER: 451BR24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 627-2858
TELEFAX: (513) 627-0260
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-117-373-2

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1382 CCGGCCCTCCCTTATCC 1398
DB 21 CTGGCCCTCCCTTATCC 5

RESULT 1290
US-08-160-861-8
Sequence 8, Application US/08160861
Patent No. 5529295
GENERAL INFORMATION:
APPLICANT: MORRIS, STEPHAN W
TITLE OF INVENTION: NOVEL FUSION NUCLEIC ACID SEQUENCES AND
TITLE OF INVENTION: FUSION PROTEINS PRESENT IN HUMAN T(2:5) LYMPHOMA, METHODS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX
STREET: 1100 NEW YORK AVE NW SUITE 600
CITY: WASHINGTON
STATE: D.C.
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/160,861
FILING DATE: 02-DEC-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: MILLMAN, ROBERT A.
REGISTRATION NUMBER: 36217
REFERENCE/DOCKET NUMBER: 0656.0400000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2678
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-160-861-8

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3044 CCACTTCAGGGGAGGA 3060
DB 5 CCACCTCAGGGGAGGA 21

RESULT 1291
US-07-977-284A-140


```
; Sequence 140, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Korko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rittvanleml, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
; US-07-977-284A-140

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 AGGAGAGGGCTGGCAAG 213
Db      5 AGGAGAGGGCGACGACAG 21

RESULT 1292
US-07-977-284A-143/c
; Sequence 143, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Korko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rittvanleml, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-07-977-284A-143

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      197 AGGAGAGGGCTGGCAAG 213
Db      17 AGGAGAGGGCGACGACAG 1

RESULT 1293
US-08-297-248-5
; Sequence 5, Application US/08297248
; Patent No. 5576208
; GENERAL INFORMATION:
; APPLICANT: Morita et al.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of the ras Gene
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz
; STREET: One Liberty Place - 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/297,248
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: us/08/007,996
; FILING DATE:
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: 715,196
FILING DATE: June 14, 1991
PRIOR APPLICATION DATA: 1991
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-0722
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-297-248-5

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCAGCGCCG 3927
DB 1 GCCCACCAGCGCCG 17

RESULT 1294

US-08-293-086-5
Sequence 5, Application US/08293086
Patent No. 5582986

GENERAL INFORMATION:
APPLICANT: Morita et al.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE INHIBITION
TITLE OF INVENTION: OF THE ras GENE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5582986
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,086
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 715,196
FILING DATE: June 14, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0715
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single stranded

TOPOLOGY: linear
ANTI-SENSE: YES
US-08-293-086-5

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCAGCGCCG 3927
DB 1 GCCCACCAGCGCCG 17

RESULT 1295

US-08-133-979A-24/c
Sequence 24, Application US/08133979A
Patent No. 5589582

GENERAL INFORMATION:
APPLICANT: Hawley, Robert J.
APPLICANT: Ponath, Paul D.
APPLICANT: Rosa, Margaret D.
APPLICANT: Monroy, Rodney L.
APPLICANT: Schacter, Bernice Z.
TITLE OF INVENTION: Enhancement of Xenograft Tolerance and Porcine Cytokines There
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSER: Carrella, Byrne, Baln, Gilfillan, Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/133,979A
FILING DATE: October 8, 1993

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herion, Charles J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 61750-79
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 BASES
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-133-979A-24

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1517 CAAGTTCTACAGCCACA 1533
DB 21 CAAGTTCTGACGCCACA 5

RESULT 1296

US-08-542-363-8
Sequence 8, Application US/08542363
Patent No. 5770421

GENERAL INFORMATION:
APPLICANT: Morris, Stephan W.

APPLICANT: Look, A. Thomas
TITLE OF INVENTION: ALX Protein Tyrosine Kinase/Receptor and
TITLE OF INVENTION: Ligands Thereof
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/542,363
FILING DATE: 12-OCT-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656.0400001/SLF/GKT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-542-363-8

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3044 CCACTTCAGGGGAGCA 3060
Db 5 CCACCTCCAGGGGAGCA 21

RESULT 1297
US-08-505-509-18
Sequence 18, Application US/08505509
Patent No. 576680
GENERAL INFORMATION:
APPLICANT: Liebowitz, Michael J.
APPLICANT: Liu, Yong
TITLE OF INVENTION: Diagnostic Probes for
TITLE OF INVENTION: Pneumocystis Carinii
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard R. Muccino
STREET: P.O. Box 1267
CITY: Princeton
STATE: New Jersey
COUNTRY: USA
ZIP: 08551
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/505,509
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/298,087

FILING DATE:
APPLICATION NUMBER: US/07/922,987
FILING DATE: 30-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Muccino, Richard R.
REGISTRATION NUMBER: 32,538
REFERENCE/DOCKET NUMBER: UMD1-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 466-3407
TELEFAX: (609) 466-2760
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-505-509-18

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2373 ACAGAGAGGAGGAGCA 2389
Db 3 AAAGAGAGGAGGAGCA 19

RESULT 1298
US-08-727-003A-27
Sequence 27, Application US/08727003A
Patent No. 5804383
GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter, C.
APPLICANT: Dohman, Austin F.
TITLE OF INVENTION: A METHOD AND ASSAY FOR
TITLE OF INVENTION: DETECTION OF THE EXPRESSION
TITLE OF INVENTION: OF ALLELE-SPECIFIC MUTATIONS
TITLE OF INVENTION: BY ALLELE-SPECIFIC IN SITU
TITLE OF INVENTION: REVERSE TRANSCRIPTASE
TITLE OF INVENTION: POLYMERASE CHAIN REACTION
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: PETERS, VERNY, JONES & BIK A, L.L.P.
STREET: 385 Sherman Avenue
CITY: Palo Alto
STATE: California
COUNTRY: United States of America
ZIP: 94306-1840
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Kb storage
COMPUTER: PC
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/727,003A
FILING DATE: October 8, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,254
FILING DATE: October 10, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Hana Verry
REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)324-1677
TELEFAX: (415)324-1678
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: synthetic oligonucleotide
US-08-727-003A-27

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4910 AGCCATCAGCAGCA 4926
DB 2 AGCCATCAGCAGCA 18

RESULT 1299
US-08-491-690A-18
Sequence 18, Application US/08491690A
Patent No. 5849484
GENERAL INFORMATION:
APPLICANT: Leibowitz, Michael J.
TITLE OF INVENTION: In Vitro Assay For Inhibitors
TITLE OF INVENTION: Of The Intron Self-Splicing Reaction in Pneumocystis Carinii
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard R. Muccino
STREET: 758 Springfield Avenue
CITY: Summit
STATE: New Jersey
COUNTRY: USA
ZIP: 07901

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/491,690A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,248
FILING DATE: 27-MAY-1993

ATTORNEY/AGENT INFORMATION:
NAME: Muccino, Richard R.
REGISTRATION NUMBER: 32,538
REFERENCE/DOCKET NUMBER: UMD-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 273-4988
TELEFAX: (908) 273-4679

INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-491-690A-18

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2373 ACAGAGAGAGGAGCA 2389
DB 3 AAAGAGAGAGGAGCA 19

RESULT 1300
US-08-485-689-38/c
Sequence 38, Application US/08485689
Patent No. 5856188
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.

APPLICANT: Tiltz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526

INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-38

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCAGCAGCAGGCA 4301
DB 20 CACAGCAGCAGGCA 4

RESULT 1301
US-08-476-021A-38/c
Sequence 38, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP

TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-476-021A-38

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGGCA 4301
DB 20 CACACACGACGCGGCA 4

RESULT 1302
US-08-436-890-24/C
Sequence 24, Application US/08436890
Patent No. 5858963
GENERAL INFORMATION:
APPLICANT: Hawley, Robert J.
APPLICANT: Ponath, Paul D.
APPLICANT: Rosa, Margaret D.
APPLICANT: Monroy, Rodney L.
APPLICANT: Schacter, Bernice Z.
TITLE OF INVENTION: Enhancement of Xenograft Tolerance and Porcine Cytokines There
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Giffillan, Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS 6.0
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,890
FILING DATE: May 8, 1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 61750-139
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 BASES
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-436-890-24

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1517 CAAGTTCTACGACGCA 1533
DB 21 CAGTTCTGACGACGCA 5

RESULT 1303
US-08-451-213-24/C
Sequence 24, Application US/08451213
Patent No. 5863528
GENERAL INFORMATION:
APPLICANT: Hawley, Robert J.
APPLICANT: Ponath, Paul D.
APPLICANT: Rosa, Margaret D.
APPLICANT: Monroy, Rodney L.
APPLICANT: Schacter, Bernice Z.
TITLE OF INVENTION: Enhancement of Xenograft Tolerance and Porcine Cytokines Ther
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Giffillan, Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,213
FILING DATE: 26-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/133,979
FILING DATE: October 8, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 61750-79
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 BASES
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-451-213-24

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1517 CAAGTTCTACGACGCA 1533
DB 21 CAGTTCTGACGACGCA 5

RESULT 1304
US-08-478-608B-38/C
Sequence 38, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York

COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C1Z/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-478-608B-38

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGCGCA 4301
DB 20 CACACACGACGCGCA 4

RESULT 1305
US-08-889-296A-5
Sequence 5, Application US/08889296A
Patent No. 5872242
GENERAL INFORMATION:
APPLICANT: Montia, B.P., Cowser, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OR INVENTION: Inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889,296A
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-889-296A-5

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCCGACGCGC 3927
DB 1 GCCCACCCGACGCGC 17

RESULT 1306
US-08-256-426B-140
Sequence 140, Application US/08256426B
Patent No. 5948611
GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rittvantiemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofar Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 59486111111
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE

TOPOLOGY: LINEAR
ANTI-SENSE: YES
US-08-256-426B-140

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 AGGAGAGGCTGGCAAG 213
DB 5 AGGAGAGGCGACGACAG 21

RESULT 1307
US-08-256-426B-143/C
Sequence 143, Application US/08256426B
Patent No. 5948611
GENERAL INFORMATION:
APPLICANT: Prockop, Darvin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rivanleem, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nislofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-08-256-426B-143

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 AGGAGAGGCTGGCAAG 213
DB 17 AGGAGAGGCGACGACAG 1

RESULT 1308
US-08-848-840A-5
Sequence 5, Application US/08848840A
Patent No. 5965722
GENERAL INFORMATION:
APPLICANT: Monia, et al.
TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/848,840A
FILING DATE: 30-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/794,493
FILING DATE: 04-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/335,046
FILING DATE: 07-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/488,256
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/465,866
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: 03-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,180
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2458
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-848-840A-5

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACCGACGCGC 3927
DB 1 GCCCACCACCGACGCGC 17

RESULT 1309
US-08-487-799-43
Sequence 43, Application US/08487799C
Patent No. 6030908
GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter C.
APPLICANT: Kunzeimann, Karl
TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
FILE REFERENCE: 480.18-1(HV)
CURRENT APPLICATION NUMBER: US/08/487,799C
EARLIER FILING DATE: 1995-06-07/933,471
EARLIER FILING DATE: 1992-08-21
EARLIER APPLICATION NUMBER: 08/409,544
EARLIER FILING DATE: 1995-03-24
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 43
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-08-487-799-43
Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4910 AGCCATCACCAGCCACA 4926
DB 2 AGCCATCACCAGCCACA 18
RESULT 1310
US-08-961-469A-5
Sequence 5, Application US/08961469A
Patent No. 6083923
GENERAL INFORMATION:
APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
APPLICANT: Mike Templin, Randy Howard, Rahul Menka
TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,469A
FILING DATE: October 31, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:

LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-961-469A-5
Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3911 GCCCACCCGAGCGCC 3927
DB 1 GCCCACCCGAGCGGC 17
RESULT 1311
US-08-513-974B-272/C
Sequence 272, Application US/08513974B
Patent No. 6114139
GENERAL INFORMATION:
APPLICANT: Hinuma, Shuji
APPLICANT: Hosoya, Masaki
APPLICANT: Fujii, Ryo
APPLICANT: Ontaki, Tetsuya
APPLICANT: Fukusumi, Shoji
APPLICANT: Ohgi, Kazuhiro
TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN,
TITLE OF INVENTION: PRODUCTION, AND USE THEREOF
NUMBER OF SEQUENCES: 380
CORRESPONDENCE ADDRESS:
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
STREET: 130 Water Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/513,974B
FILING DATE: 14-SEP-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP95/01599
FILING DATE: 10-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-093989
FILING DATE: 19-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-057186
FILING DATE: 16-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-007177
FILING DATE: 20-JAN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-326611
FILING DATE: 28-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-270017
FILING DATE: 02-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-236357
FILING DATE: 30-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-236356
FILING DATE: 30-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-189274
FILING DATE: 11-AUG-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-189273
FILING DATE: 11-AUG-1945
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-189272
FILING DATE: 11-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reanick, David S.
REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 45753
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-523-3400
TELEFAX: 617-523-6440
INFORMATION FOR SEQ ID NO: 272:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-513-974B-272

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1032 GGGCTTCAGAGGCA 1048
DB 21 GGGCATCCAGCAGCA 5

RESULT 1312
US-09-128-494-5
Sequence 5, Application US/09128494
Patent No. 6117848
GENERAL INFORMATION:
APPLICANT: Montia, B.P., Cowser, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Inhibition of ras
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,494
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/889,236
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-09-128-494-5

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCAGCGCGC 3927
DB 1 GCCCACCAGCGCGC 17

RESULT 1313
US-08-640-906-8
Sequence 8, Application US/08640906B
Patent No. 6140100
GENERAL INFORMATION:
APPLICANT: Smith, Gary K
APPLICANT: Blumenkopf, Todd A.
APPLICANT: Cory, Michael
TITLE OF INVENTION: Cell-Targeting Molecule Comprising a Mutant Human
FILE REFERENCE: PB1500USW
CURRENT APPLICATION NUMBER: US/08/640,906B
CURRENT FILING DATE: 1996-05-09
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-640-906-8

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 547 GCTCCAGGCGGAGG 563
DB 3 GCTCGAAGCGAAGAG 19

RESULT 1314
US-09-106-216-31/c
Sequence 31, Application US/09106216
Patent No. 6153386
GENERAL INFORMATION:
APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavier
APPLICANT: Lottion, Richard P.
APPLICANT: Soubrier, Florent
APPLICANT: Kocelievsky, Yuri
APPLICANT: Corvol, Pierre
TITLE OF INVENTION: Method to Determine Predisposition to
TITLE OF INVENTION: Hypertension
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz
STREET: 555 Thirteenth Street N.W., Suite 701-E
CITY: Washington

STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,216
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/
FILING DATE: 08-JUN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/319,545
FILING DATE: 07-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952,545
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 2323-124
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-106-216-31

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3376 GCAGGGGAGAAAGTCTT 3392
DB 17 GCAGGGGAGAGAGTCTT 1

RESULT 1315
US-09-100-089-8
Sequence 8, Application US/09100089
Patent No. 6174674
GENERAL INFORMATION:
APPLICANT: Morris, Stephan W.
TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and
TITLE OF INVENTION: Ligands Thereof
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/100,089
FILING DATE: Herewith
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/160,861
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/542,363
FILING DATE: 12-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656.0400002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-100-089-8

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3044 CCACCTCCAGGGGAGGA 3060
DB 5 CCACCTCCAGGGGAGGA 21

RESULT 1316
US-09-046-894-15/c
Sequence 15, Application US/09046894
Patent No. 6190857
GENERAL INFORMATION:
APPLICANT: Ralph, David
APPLICANT: An, Gang
APPLICANT: O'Hara, Mark S.
APPLICANT: Veltri, Robert
TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA
TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUKOCYTES
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,894
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,576
FILING DATE: 24-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-09-046-894-15

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1984 TGCTGCCAGCCTGAG 2000
Db 19 TGCTGCCAGCCTGAG 3

RESULT 1317

US-08-430-225A-5/C
Sequence 5, Application US/08430225A
Patent No. 6204000
GENERAL INFORMATION:
APPLICANT: Dong, Jin-Tang; Barrett,
APPLICANT: J. Carl; Lamb, Patricia W.; Isaacs, John T.
TITLE OF INVENTION: DIAGNOSTIC METHODS AND
TITLE OF INVENTION: GENE THERAPY USING REAGENTS DERIVED FROM THE
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,225A
FILING DATE: 28-APR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: RICHARD W. BORK
REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 2026-4172
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-430-225A-5

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4541 CCTAAACAGCTGCCCA 4557
Db 17 CCTGAACCCCTGCCCA 1

RESULT 1318
US-09-226-012-93/C
Sequence 93, Application US/09226012
Patent No. 6207383
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT

TITLE OF INVENTION: SYNDROME GENE
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-226-012-93

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4166 CTCCTGCCAGCTTCT 4182
Db 18 CTCAGCCTCTTCT 2

RESULT 1319
US-08-476-423A-38/C
Sequence 39, Application US/08476423A
Patent No. 6221661
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,423A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-476-423A-38

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGGGCA 4301
Db 20 CACACACGACGGGCA 4

```
RESULT 1320
US-08-853-980-21
; Sequence 21, Application US/08853980
; Patent No. 6225082
; GENERAL INFORMATION:
; APPLICANT: Carson, John H.
; APPLICANT: Kwon, Sunjong
; APPLICANT: Aigner, Kevin
; APPLICANT: Avossa, Daniela
; TITLE OF INVENTION: MYELIN BASIC PROTEIN mRNA TRANSPORT AND TRANSLATION
; FILE REFERENCE: RCT
; CURRENT APPLICATION NUMBER: US/08/853,980
; CURRENT FILING DATE: 1997-05-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: human
US-08-853-980-21

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 4649 AGGAGCTGAAGACTCTG 4665
DB 5 AGGAGCTGAGAGAGCCUG 21

RESULT 1321
US-09-158-863C-48/c
; Sequence 48, Application US/09158863C
; Patent No. 6280978
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Bianco, Mariano A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
; FILE REFERENCE: 31304-B-A
; CURRENT APPLICATION NUMBER: US/09/158,863C
; CURRENT FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13
; PRIOR APPLICATION NUMBER: 60/008,317
; PRIOR FILING DATE: 1995-12-07
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-158-863C-48

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCATCATCA 2928
DB 21 CATCATCATCATCATCA 5

RESULT 1322
US-09-395-936-8
```

```
; Sequence 8, Application US/09395936
; Patent No. 6319702
; GENERAL INFORMATION:
; APPLICANT: Smith, Gary
; APPLICANT: Cory, Michael
; APPLICANT: Blumenkopf, Todd
; TITLE OF INVENTION: Nucleic Acids Encoding Mutant Human Carboxypeptidase A
; FILE REFERENCE: PB1500US3
; CURRENT APPLICATION NUMBER: US/09/395,936
; CURRENT FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer sequence
US-09-395-936-8

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 547 GCTCGAGCGGAGGAG 563
DB 3 GCTCGAGCGGAGGAG 19

RESULT 1323
US-09-248-386-5
; Sequence 5, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monis, Brett P
; APPLICANT: Freiler, Susan M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Becker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; FILE REFERENCE: IS15350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
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EARLIER FILING DATE: 1991-12-24
EARLIER APPLICATION NUMBER: 08/244,993
EARLIER FILING DATE: 1994-06-21
EARLIER APPLICATION NUMBER: 08/468,037
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6359124e1 Sequence
US-09-248-386-5

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCAGCGCGCGC 3927
DB 1 GCCCAGACGACGCGCGC 17

RESULT 1324
US-09-308-388-4
Sequence 4, Application US/09308388
Patent No. 6372890
GENERAL INFORMATION:
APPLICANT: Sumitomo Electric Industries, LTD
TITLE OF INVENTION: WATER-SOLUBLE PEPTIDES
FILE REFERENCE: 50212-030
CURRENT APPLICATION NUMBER: US/09/308,388
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Histidine tag
US-09-308-388-4

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 21;
Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2912 CATCTCATCAGCATCA 2928
DB 4 CATCTCATCAGCATCA 20

RESULT 1325
US-08-949-344C-25
Sequence 25, Application US/08949344C
Patent No. 6406846
GENERAL INFORMATION:
APPLICANT: WHITCOMB, DC
TITLE OF INVENTION: A METHOD FOR DETERMINING WHETHER A HUMAN
TITLE OF INVENTION: PATENT IS SUSCEPTIBLE TO HEREDITARY PANCREATITIS AND PRIMERS
TITLE OF INVENTION: THEREFORE
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANSEL M SCHWARTZ, ATTORNEY AT LAW
STREET: 425 NORTH CRAIG STREET, SUITE 301
CITY: PITTSBURGH
STATE: PENNSYLVANIA
COUNTRY: USA
ZIP: 15213
COMPUTER READABLE FORM:
MEDIUM TYPE: MACINTOSH 2.5 INCH FLOPPY DISC
COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS
SOFTWARE: TEXT WITH LINE TERMINATION
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/949,344C
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
TELEPHONE: (412) 621-9222
TELEFAX: (412) 621-8640
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 BASES
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE STRANDED
TOPOLOGY: LINEAR
MOLECULE TYPE: GENOMIC DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: NA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
DEVELOPMENTAL STAGE: GERM-LINE
HAPLOTYPE: N/A
TISSUE TYPE: BLOOD
CELL TYPE: LEUKOCYTES
CELL LINE: N/A
ORGANELLE: NUCLEUS
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 7q35
MAP POSITION: 157 CM FROM THE TOP OF CHROMOSOME 7
UNITS: centimorgans
FEATURE:
NAME/KEY: TRYPSINOGEN GENE 1 (TRY4), TRYPSINOGEN GENE 2 (TRY8)
LOCATION: GENBANK LOCUS U66061
IDENTIFICATION METHOD: Comparison of DNA sequences and/or restriction
IDENTIFICATION METHOD: enzyme digestion patterns of experimentally determined f
IDENTIFICATION METHOD: reaction of genomic DNA from patients with hereditary pa
OTHER INFORMATION: Mutations in trypsinogen are associated with a
OTHER INFORMATION: phenotype of recurrent acute pancreatitis, chronic pancreati
OTHER INFORMATION: Increased risk for pancreatic cancer.
PUBLICATION INFORMATION:
AUTHORS: Whitcomb DC, Gorry MC, Preston RA, Furey W, Sossenheimer MJ,
AUTHORS: Ulrich CD, Martin SP, Gates Jr LK, Amann ST, Toskes, PP, LIDDLE R, MCGI
AUTHORS: UOMO G, POST JC, EHRLICH GD
TITLE: Hereditary pancreatitis is caused by a mutation in the cationic
TITLE: trypsinogen gene
JOURNAL: Nature Genetics
VOLUME: 14
ISSUE: 2
PAGES: 141-5
DATE: 15-10-96
DOCUMENT NUMBER: NA
FILING DATE: 15-10-96
PUBLICATION DATE: 15-10-96
RELEVANT RESIDUES IN SEQ ID NO: NA
AUTHORS: Gorry MC, Gabbai Zedeh D, Furey W, Gates Jr LK, Preston RA,
AUTHORS: Aston CE, Zhang Y, Ulrich C, Ehrlich GD, Whitcomb DC
TITLE: Multiple mutations in the Cationic Trypsinogen Gene are
TITLE: Associated with Hereditary Pancreatitis
JOURNAL: Gastroenterology
VOLUME: 113
ISSUE: 4
PAGES: 1063-1068

DATE: 15-10-96
DOCUMENT NUMBER: NA
FILING DATE:
PUBLICATION DATE: OCTOBER 1997
RELEVANT RESIDUES IN SEQ ID NO: NA
AUTHORS: Rowen, L., Koop BF, Hood L.
TITLE: The complete 685-kilobase DNA sequence of the human beta T cell
JOURNAL: Science
VOLUME: 272
ISSUE: 5269
PAGES: 1755-1762
DATE: 6 21 96
DOCUMENT NUMBER: MEDLINE 96256474
FILING DATE:
PUBLICATION DATE: June 21, 1996
RELEVANT RESIDUES IN SEQ ID NO: From 172600 to 176300 (in GenBank
RELEVANT RESIDUES IN SEQ ID NO: sequence)
US-08-949-344C-25

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2615 CCCTGCTCTTGGCCACAT 2631
Db 5 CCCTGCTCTTCCCATAT 21

RESULT 1326
US-09-670-827-8
Sequence 8, Application US/09670827
Patent No. 6451997
GENERAL INFORMATION:
APPLICANT: Morris, Stephan W.
LOOK, A. Thomas
TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and
Ligands Thereof
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSER: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/670,827
FILING DATE: 28-Sep-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/160,861
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/542,363
FILING DATE: 12-OCT-1995
APPLICATION NUMBER: US 09/100,089
FILING DATE: 19-JUN-1998
ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656,0400003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid

STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-670-827-8

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3044 CCACCTCCAGGGGAGCA 3060
Db 5 CCACCTCCAGGGGAGCA 21

RESULT 1327
US-09-422-978-7988/C
Sequence 7988, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7988
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-12962 for SEQ 123, in complete
US-09-422-978-7988

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 140 GGGGAGCTTCAGCTGCC 156
Db 21 GGGGAGCTTCATCTGAC 5

RESULT 1328
US-09-422-978-9663
Sequence 9663, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
EARLIER FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9663

```

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-6463 for SEQ 1798, in compleme
US-09-422-978-9663

Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      76 GGGCAGCTCTTCTCAGA 92
Db      1 GTCCATGCTTCTTCAAA 17

RESULT 1329
US-09-422-978-10487/c
; Sequence 10487, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10487
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-12303 for SEQ 2622, in complem
US-09-422-978-10487

Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2794 AGAGTCAGAGGAGGAA 2810
Db      18 AGAGTTAGGTAGGAGAA 2

RESULT 1330
US-09-422-978-10707
; Sequence 10707, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
```

```

; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10707
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19348 for SEQ 2842, in complem
US-09-422-978-10707

Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1150 CACTGCTGTGCAAGAG 1166
Db      5 CACTGCTGTGTAAGAG 21

RESULT 1331
US-09-422-978-10880
; Sequence 10880, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10880
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-21687 for SEQ 3015, in complem
US-09-422-978-10880

Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2052 GCAACACACTGGGGA 2068
Db      2 GCAAGACACTGGAGAA 18

RESULT 1332
US-09-422-978-11709
; Sequence 11709, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
```

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/ EARLIER APPLICATION NUMBER: US 60/109,722
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11709
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-3298 for SEQ 3844, in compleme
US-09-422-978-11709

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2801 GGAAGAGAAATGAG 2817
DB 5 GCGAGCATTAATGAG 21

RESULT 1333
US-09-322-624-13/c
/ Sequence 13, Application US/09322624
/ Patent No. 6548734
/ GENERAL INFORMATION:
/ APPLICANT: Glimcher, L et al.
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
/ FILE REFERENCE: HUI-035CP
/ CURRENT APPLICATION NUMBER: US/09/322,624
/ CURRENT FILING DATE: 1999-05-28
/ EARLIER APPLICATION NUMBER: USSN 09/087,139
/ EARLIER FILING DATE: 1998-05-28
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 13
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: synthetic construct
US-09-322-624-13

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GTTTTCAAGAGGAAA 780
DB 21 GTTTTCAAGAGGAGA 5

RESULT 1334
US-09-463-048A-10/c
/ Sequence 10, Application US/09463048A
/ Patent No. 6630619
/ GENERAL INFORMATION:
/ APPLICANT: Commonwealth Scientific and Industrial Research Organisation
/ APPLICANT: EAST, Peter David
/ TITLE OF INVENTION: Toxin Genes from the Bacteria Xenorhabdus nematophilus and Photoc
/ FILE REFERENCE: 050179-0076
/ CURRENT APPLICATION NUMBER: US/09/463,048A
/ CURRENT FILING DATE: 2002-12-13
/ PRIOR APPLICATION NUMBER: PCT/AU98/00562
/ PRIOR FILING DATE: 1998-07-17
/ PRIOR APPLICATION NUMBER: PO 8088
/ PRIOR FILING DATE: 1997-07-17
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 10
```

```
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Derived from X. nematophilus
US-09-463-048A-10

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4685 AAGAACCTGTTCTGTC 4701
DB 21 AAGTAGCCTGTTCTGCC 5

RESULT 1335
US-09-632-575-8/c
/ Sequence 8, Application US/09632575
/ Patent No. 6635465
/ GENERAL INFORMATION:
/ APPLICANT: Gualfetti, Peter
/ APPLICANT: Mitchinson, Colin
/ APPLICANT: Ropp, Traci M.
/ TITLE OF INVENTION: Mutant EcGII Cellulase, DNA Encoding
/ FILE REFERENCE: GCG629
/ CURRENT APPLICATION NUMBER: US/09/632,575
/ CURRENT FILING DATE: 2000-08-04
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 8
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
US-09-632-575-8

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5005 CCAGCCTGCTGCCAGG 5021
DB 20 CCAGTCTGCTGCCAGG 4

RESULT 1336
US-09-823-549-43/c
/ Sequence 43, Application US/09823549
/ Patent No. 6664442
/ GENERAL INFORMATION:
/ APPLICANT: McConlogue, Lisa C
/ APPLICANT: Games, Kate D.
/ APPLICANT: Yednock, Theodore A.
/ APPLICANT: Hua, Tan
/ APPLICANT: Meseremith, Elizabeth
/ APPLICANT: Bard, Frederique
/ TITLE OF INVENTION: SCREENING MARKERS AND METHODS FOR NEURODEGENERATIVE DISORDERS
/ FILE REFERENCE: 015270-009110US
/ CURRENT APPLICATION NUMBER: US/09/823,549
/ CURRENT FILING DATE: 2001-03-30
/ PRIOR APPLICATION NUMBER: US 60/193,847
/ PRIOR FILING DATE: 2000-03-30
/ NUMBER OF SEQ ID NOS: 85
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 43
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: IL-10 forward primer
```


US-09-823-549-43

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2;

Db 71 TGCTAGGCATGCTCT 87

19 TTCTGGGCATGCTCT 3

RESULT 1337

US-09-744-754C-26

Sequence 26 Application US/09744754C

Patent No. 6685933

GENERAL INFORMATION:

APPLICANT: Zoon, et al.

TITLE OF INVENTION: Interferon Alpha Hybrids

FILE REFERENCE: 4239-56957

CURRENT APPLICATION NUMBER: US/09/744,754C

CURRENT FILING DATE: 2001-01-24

PRIOR APPLICATION NUMBER: US 60/094,407

PRIOR FILING DATE: 1998-07-28

PRIOR APPLICATION NUMBER: PCT/US99/15284

PRIOR FILING DATE: 1999-07-06

NUMBER OF SEQ ID NOS: 42

SOFTWARE: Patentin version 3.2

SEQ ID NO 26

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-09-744-754C-26

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2;

QY 3889 CGGAATCAACGACGAG 3905

2 CTGACTCAACGACGAG 18

RESULT 1338

US-09-744-754C-27/c

Sequence 27 Application US/09744754C

Patent No. 6685933

GENERAL INFORMATION:

APPLICANT: Zoon, et al.

TITLE OF INVENTION: Interferon Alpha Hybrids

FILE REFERENCE: 4239-56957

CURRENT APPLICATION NUMBER: US/09/744,754C

CURRENT FILING DATE: 2001-01-24

PRIOR APPLICATION NUMBER: US 60/094,407

PRIOR FILING DATE: 1998-07-28

PRIOR APPLICATION NUMBER: PCT/US99/15284

PRIOR FILING DATE: 1999-07-06

NUMBER OF SEQ ID NOS: 42

SOFTWARE: Patentin version 3.2

SEQ ID NO 27

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-09-744-754C-27

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2;

QY 3889 CGGAATCAACGACGAG 3905

Db 20 CTGACTCAACGACGAG 4

RESULT 1339

US-09-827-949-8

Sequence 8 Application US/09827949

Patent No. 6695548

GENERAL INFORMATION:

APPLICANT: Morris, Stephan W.

APPLICANT: Look, A. Thomas

TITLE OF INVENTION: Alk Protein Tyrosine Kinase/Receptor and Ligands Thereof

FILE REFERENCE: 0656.0400004

CURRENT APPLICATION NUMBER: US/09/827,949

CURRENT FILING DATE: 2001-04-09

PRIOR APPLICATION NUMBER: US 09/670,827

PRIOR FILING DATE: 2000-09-28

PRIOR APPLICATION NUMBER: US 09/100,089

PRIOR FILING DATE: 1998-06-19

PRIOR APPLICATION NUMBER: US 08/542,363

PRIOR FILING DATE: 1995-10-12

PRIOR APPLICATION NUMBER: US 08/160,861

PRIOR FILING DATE: 1993-12-03

NUMBER OF SEQ ID NOS: 43

SOFTWARE: Patentin version 3.0

SEQ ID NO 8

LENGTH: 21

TYPE: DNA

ORGANISM: synthetic construct

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-09-827-949-8

Query Match 0.3%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 1.3e+03; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2;

QY 3044 CCACCTCCAGGGGAGGAGA 3060

5 CCACCTCCAGGGGAGGAGA 21

RESULT 1340

US-09-032-438C-72/c

Sequence 72 Application US/09032438C

Patent No. 6713300

GENERAL INFORMATION:

APPLICANT: Rattiner, Amir

APPLICANT: Sun, Hui

APPLICANT: Lupski, James R.

APPLICANT: Nathans, Jeremy

APPLICANT: Anderson, Kent L.

APPLICANT: Leppert, Mark

APPLICANT: Dean, Michael

APPLICANT: Slough, Nanda

APPLICANT: Shroyer, No. 6713300h F.

APPLICANT: Smallwood, Phillip M.

APPLICANT: Allikmets, Rando

APPLICANT: Lewis, Richard A.

APPLICANT: Li, Yixin

TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette

TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify

FILE REFERENCE: BYLR-0065

CURRENT APPLICATION NUMBER: US/09/032,438C

CURRENT FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: US 60/039,388

PRIOR FILING DATE: 1997-02-27

NUMBER OF SEQ ID NOS: 120

SOFTWARE: Patentin version 3.2

SEQ ID NO 72

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

```
; OTHER INFORMATION: Oligonucleotide primer
US-09-032-438C-72

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5115 GATAGATGGGTGATGT 5131
DB      18 GACACGCTGGCTGATGT 2

RESULT 1341
US-09-786-666-1
; Sequence 1, Application US/09786666
; Patent No. 6716971
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary E.
; APPLICANT: Pfeleiderer, Wolfgang
; APPLICANT: Balis, Frank
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Pteridine Nucleotide Analogs
; FILE REFERENCE: 015280-351100US
; CURRENT APPLICATION NUMBER: US/09/786,666
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/099,487
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: WO PCT/US99/20541
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: PTR21
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: n = 4-amino-6-methyl-8-[2-deoxy-5-O-(4',4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropyl)phosphoramidite (6MAP, compound 11)
US-09-786-666-1

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3185 GTGGAGAGTCACAGCAG 3202
DB      3 GTGGAAATCTCTAGCAG 20

RESULT 1342
US-09-786-666-2
; Sequence 2, Application US/09786666
; Patent No. 6716971
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary E.
; APPLICANT: Pfeleiderer, Wolfgang
; APPLICANT: Balis, Frank
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Pteridine Nucleotide Analogs
; FILE REFERENCE: 015280-351100US
; CURRENT APPLICATION NUMBER: US/09/786,666
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/099,487
```

```
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: WO PCT/US99/20541
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: PTR22
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: n = 4-amino-6-methyl-8-[2-deoxy-5-O-(4',4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropyl)phosphoramidite (6MAP, compound 11)
US-09-786-666-2

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      3185 GTGGAGAGTCACAGCAG 3202
DB      3 GTGGAAATCTCTAGCAG 20

RESULT 1343
US-09-786-666-5/c
; Sequence 5, Application US/09786666
; Patent No. 6716971
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary E.
; APPLICANT: Pfeleiderer, Wolfgang
; APPLICANT: Balis, Frank
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Pteridine Nucleotide Analogs
; FILE REFERENCE: 015280-351100US
; CURRENT APPLICATION NUMBER: US/09/786,666
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/099,487
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: WO PCT/US99/20541
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: PTR25
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = 4-amino-6-methyl-8-[2-deoxy-5-O-(4',4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropyl)phosphoramidite (6MAP, compound 11)
US-09-786-666-5

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3185 GTGGAGAGTCACAGCAG 3202
DB      19 GTGGAAATCTCTAGCAG 2
```

```
RESULT 1344
US-09-786-666-11
; Sequence 11, Application US/09786666
; Patent No. 6716971
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary E.
; APPLICANT: Pfeleiderer, Wolfgang
; APPLICANT: Balis, Frank
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Pteridine Nucleotide Analogs
; FILE REFERENCE: 015280-351100US
; CURRENT APPLICATION NUMBER: US/09/786,666
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/099,487
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: WO PCT/US99/20541
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: PTR31
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: n = 4-amino-2,6-dimethyl-8-[2-deoxy-5-O-(4,4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropylphosphoramidite (DMAP, compound 12)
US-09-786-666-11

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3185 GTGGGAAGTCACCTAGCAG 3202
Db      3 GTGGMAATCTCTAGCAG 20

RESULT 1345
US-09-786-666-12
; Sequence 12, Application US/09786666
; Patent No. 6716971
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary E.
; APPLICANT: Pfeleiderer, Wolfgang
; APPLICANT: Balis, Frank
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Pteridine Nucleotide Analogs
; FILE REFERENCE: 015280-351100US
; CURRENT APPLICATION NUMBER: US/09/786,666
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/099,487
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: WO PCT/US99/20541
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: PTR35
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = 4-amino-2,6-dimethyl-8-[2-deoxy-5-O-(4,4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropylphosphoramidite (DMAP, compound 12)
US-09-786-666-15
```

```
; OTHER INFORMATION: PTR32
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: n = 4-amino-2,6-dimethyl-8-[2-deoxy-5-O-(4,4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropylphosphoramidite (DMAP, compound 12)
US-09-786-666-12

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3185 GTGGGAAGTCACCTAGCAG 3202
Db      3 GTGGAAATCTCTAGCAG 20

RESULT 1346
US-09-786-666-15/c
; Sequence 15, Application US/09786666
; Patent No. 6716971
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary E.
; APPLICANT: Pfeleiderer, Wolfgang
; APPLICANT: Balis, Frank
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Pteridine Nucleotide Analogs
; FILE REFERENCE: 015280-351100US
; CURRENT APPLICATION NUMBER: US/09/786,666
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/099,487
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: WO PCT/US99/20541
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: PTR35
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: n = 4-amino-2,6-dimethyl-8-[2-deoxy-5-O-(4,4'-dimethoxytrityl)]-
; OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-O-(H-beta-cyanoethyl)
; OTHER INFORMATION: N-diisopropylphosphoramidite (DMAP, compound 12)
US-09-786-666-15

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3185 GTGGGAAGTCACCTAGCAG 3202
Db      19 GTGGAAATCTCTAGCAG 2

RESULT 1347
US-09-657-472-113
; Sequence 113, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
```

```
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FaestSeq for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-113
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1514 GGACAACTTCTACAGCCAC 1532
          |||||:|||||
          2 GGACATGAATACAGCCAC 20
```

RESULT 1348

```
US-09-657-472-134
; Sequence 134, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FaestSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-134
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4372 GAAGAAAGAACTGACGC 4390
          |||||:|||||
          3 GAAGAAAGTATGATCG 21
```

RESULT 1349

```
US-09-657-472-301/c
; Sequence 301, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
```

```
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FaestSeq for Windows Version 4.0
; SEQ ID NO 301
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-301
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3775 CATCTCTGCCGAGCGAC 3793
          |||||:|||||
          21 CATCTCTCTGCTGGCTG 3
```

RESULT 1350

```
US-09-657-472-693
; Sequence 693, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FaestSeq for Windows Version 4.0
; SEQ ID NO 693
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-693
```

```
Query Match          0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1841 TGACATTTACGATCGC 1859
          |||||:|||||
          2 TGACATTAATGCTAGGC 20
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RESULT 1351

```
US-09-657-472-1011
; Sequence 1011, Application US/09657472
; Patent No. 6727063
```

```

GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1011
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1011

```

```

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

1542 CTCGAGCTCATTAATGTCAC 1560
3 CTCGAGCTCATTAATGTCAC 21

RESULT 1352
US-09-657-472-1160
Sequence 1160, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1160
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1160

```

```

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

RESULT 1353

```

US-09-657-472-1365
Sequence 1365, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1365
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1365

```

```

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

3946 AGAGCCCGCGGTCTGCA 3964
3 ACAGCCACRCGCGTCTGCA 21

RESULT 1354
US-09-657-472-1526
Sequence 1526, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 1999-09-10
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-07-26
PRIORITY FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1526
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1526

```

```

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```
RESULT 1355
US-09-657-472-1858/c
; Sequence 1858, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1858
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1858

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      1970 CATCCGATCGTCGCTG 1988
DB      21 CATCAGATCGTGTACTG 3

RESULT 1356
US-09-657-472-2145
; Sequence 2145, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2145
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2145

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4256 AGCACCAGTCTGAGGCT 4274
DB      2 AGCCCAAGYGTCTATGCT 20

RESULT 1357
US-09-795-380-5/c
; Sequence 5, Application US/09795380
; Patent No. 6756201
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; GENE THERAPY USING REAGENTS DERIVED FROM THE
; HUMAN METASTASIS SUPPRESSOR GENE KAI1
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/795,380
; FILING DATE: 27-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/232,507
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: RICHARD W. BORK
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4172US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6649
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-795-380-5

Query Match      0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4541 CCTAACAACGTGCCCA 4557
DB      17 CCTGAACCCGTGCCCA 1

RESULT 1358
US-09-575-554-5
; Sequence 5, Application US/09575554
; Patent No. 6784290
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P.; Cowsett, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
```

COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/575,554
FILING DATE: 22-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-575-554-5

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3911 GCCCACCACGACGGCGC 3927
DB 1 GCCCACCACGACGGCGC 17

RESULT 1359
US-10-099-542-8/C
Sequence 8, Application US/10099542
Patent No. 6787573
GENERAL INFORMATION:
APPLICANT: No. 6787573et, Johannes S.L.
TITLE OF INVENTION: Antiviral Therapy
FILE REFERENCE: 5284US
CURRENT APPLICATION NUMBER: US/10/099,542
CURRENT FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer: antisense R/US primer
US-10-099-542-8

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGGCGCA 4301

DB 21 CACACACGACGGCGCA 5

RESULT 1360
US-10-099-542-9/C
Sequence 9, Application US/10099542
Patent No. 6787573
GENERAL INFORMATION:
APPLICANT: No. 6787573et, Johannes S.L.
TITLE OF INVENTION: Antiviral Therapy
FILE REFERENCE: 5284US
CURRENT APPLICATION NUMBER: US/10/099,542
CURRENT FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Probe: digoxigenin-labeled probe
US-10-099-542-9

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4285 CGCACACGACGGCGCA 4301
DB 21 CACACACGACGGCGCA 5

RESULT 1361
PCT-US93-09232-12/C
Sequence 12, Application PC/TUS9309232
GENERAL INFORMATION:
APPLICANT: The Upjohn
APPLICANT: Company
TITLE OF INVENTION: Somatotropin Modifications
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Corporate Intellectual Property Law
STREET: 301 Henrietta Street
CITY: Kalamazoo
STATE: Michigan
COUNTRY: USA
ZIP: 49001
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette (DS, HD 2.0 Mb)
COMPUTER: IBM PC compatible WIN 386
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09232
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: James D. Darnley, Jr.
REGISTRATION NUMBER: 33673
REFERENCE/DOCKET NUMBER: 4766.P CNI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 616 385 5210
TELEFAX: 616 385 6897
TELEX: 224 401 UPJOHN
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleotide
STRANDEDNESS: single

```
/ TOPOLOGY: linear
/ PCT-US93-09232-12
Query Match      0.3%; Score 13.6; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3881 TTCGATCGGAATCA 3897
Db      21 TTCGAGCTCGACATCA 5

RESULT 1362
US-08-241-465B-12
/ Sequence 12, Application US/08241465B
/ Patent No. 5719125
/ GENERAL INFORMATION:
/ APPLICANT: FUJIO SUZUKI
/ APPLICANT: YUJI HIRAKI
/ APPLICANT: KAZUHIRO TAKAHASHI
/ APPLICANT: JUNKO SUZUKI
/ APPLICANT: JUN KONDO
/ APPLICANT: AETSUKO KOHARA
/ APPLICANT: EI YAMADA
/ TITLE OF INVENTION: HUMAN CHONDROMODULIN-1 PROTEIN
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Wenderoth, Lind & Ponack
/ STREET: 805 Fifteenth Street, N.W., #700
/ CITY: Washington
/ COUNTRY: D.C.
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/241,465B
/ FILING DATE: May 11, 1994
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warren M. Cheek, Jr.
/ REGISTRATION NUMBER: 33,367
/ REFERENCE/DOCKET NUMBER:
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 371-8850
/ TELEFAX:
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid, Synthetic DNA
US-08-241-465B-12

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4040 GGGGCGCACGAGGCGCTTAG 4059
Db      1 GCGGCGCGCATGCGCTCGAG 20

RESULT 1363
US-08-107-411-5
/ Sequence 5, Application US/08107411
/ Patent No. 5340726
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Maxman, Lloyd
/ APPLICANT: Connolly, Thomas M.
/ APPLICANT: Keller, Paul
/ TITLE OF INVENTION: PROTEIN FOR INHIBITING
/ NUMBER OF SEQUENCES: 7
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Merck & Co., Inc.
/ STREET: P.O. Box 2000
/ CITY: Rahway
/ STATE: N.J.
/ COUNTRY: USA
/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/107,411
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/07/844,303
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Parr, Richard S.
/ REGISTRATION NUMBER: 32,586
/ REFERENCE/DOCKET NUMBER: 18415
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (908) 594-4958
/ TELEFAX: (908) 594-4720
/ TELEX: ( ) 138825
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA (genomic)
US-08-107-411-5

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5045 GCTCTGAATGTCGACCC 5064
Db      1 GCTCTGAACTAGTGATCC 20

RESULT 1364
US-08-136-811-10
/ Sequence 10, Application US/08136811
/ Patent No. 5510239
/ GENERAL INFORMATION:
/ APPLICANT: Baracchini, Jr., Edgardo and Bennett,
/ APPLICANT: Clarence Frank
/ TITLE OF INVENTION: Oligonucleotide Interference with
/ NUMBER OF SEQUENCES: 25
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 210 Lake Drive East, Suite 201
/ CITY: Cherry Hill
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08002
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.1
```



```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/136,811
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-136-811-10

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3718 GCGGCGAGGGGCGGCGAG 3737
Db      1 GCGGCGATGGGCGTGGCCAG 20

RESULT 1365
US-08-063-167A-13/c
Sequence 13, Application US/08063167A
Patent No. 5514788
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli;
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/063,167A
FILING DATE: 19930517
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0002

```

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-063-167A-13

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3161 CACGACGACGACCCCATGA 3180
Db      20 CACAGCCAGCGCTCCCTGA 1

RESULT 1366
US-07-872-678A-23
Sequence 23, Application US/07872678A
Patent No. 5541060
GENERAL INFORMATION:
APPLICANT: Bell, Graeme, et al.
TITLE OF INVENTION: DETECTION OF EARLY-ONSET
TITLE OF INVENTION: NON-INSULIN-DEPENDENT DIABETES MELLITUS
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: Post Office Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/872,678A
FILING DATE: 22-APRIL-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coughlin, Daniel F.
REGISTRATION NUMBER: 36,111
REFERENCE/DOCKET NUMBER: ARCD016
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-787-1400
TELEFAX: 713-789-2679
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-872-678A-23

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1417 TGAAGCAGAGTCTCTGGGG 1436
Db      1 TGAAGCAGAGTCTCTGG 20

RESULT 1367

```

US-08-388-381-8
; Sequence 8, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; NUMBER OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 5 of human p53 gene
US-08-388-381-8

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1195 CATCCTGGAGTCTCTGCAG 1214
Db 1 CAGCCTGTCGTTCTCTCCAG 20

RESULT 1368
US-07-977-284A-173/c
; Sequence 173, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvanen, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian

APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988r18
; STREET: One Liberty Place, 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-173

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4857 GCTAGAGATCCAGCCCTG 4876
Db 20 GCTTAGAGACCCAGCCCTG 1

RESULT 1369
US-08-242-664-36
; Sequence 36, Application US/08242664
; Patent No. 5571937
; GENERAL INFORMATION:
; APPLICANT: Matanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Wei, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/242,664
; FILING DATE: May 12, 1994

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-242-664-36

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAGAGAGG 2821
Db 1 GAAGGAGAAATGAGAGAGAGG 20

RESULT 1370
US-07-955-718-24/C
Sequence 24, Application US/07955718
Patent No. 5580767
GENERAL INFORMATION:
APPLICANT: Comseet, Lex M
APPLICANT: Ecker, David J
TITLE OF INVENTION: Inhibition of Influenza Viruses
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/955, 718
FILING DATE: September 22, 1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05742
FILING DATE: August 13, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,287
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0382
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-07-955-718-24

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4141 CTCTCCGAGGACCTCTGCT 4160
Db 20 CTCTCCGAGGACCTCTGCT 1

RESULT 1371
US-08-007-997A-13/C
Sequence 13, Application US/08007997A
Patent No. 5591623
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
of Cell Adhesion
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5591623ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/007,997A
FILING DATE: 19930121
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0709
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-007-997A-13

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3161 CACGAGCCAGACCCCATGA 3180
Db 20 CACGAGCCAGACCCCATGA 1

RESULT 1372
US-08-484-138-36

Sequence 36, Application US/08484138
Patent No. 5652350
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44MB
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,138
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-Z/JPM/WJC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-484-138-36

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGAGAAATGAAGAGC 2821
DB 1 GAAGAGATGAAGAGAGC 20

RESULT 1373
US-08-317-450B-4/C
Sequence 4, Application US/08317450B
Patent No. 5660982
GENERAL INFORMATION:
APPLICANT: Trygvaeson, Karl
APPLICANT: Kallunki, Pekka
APPLICANT: Pyke, Charles
TITLE OF INVENTION: Laminin Chains: Diagnostic and
TITLE OF INVENTION: Therapeutic Use
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI, LTD.
STREET: Ten South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/317,450B
FILING DATE: 04-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Chao, Mark
REGISTRATION NUMBER: 37,293
REFERENCE/DOCKET NUMBER: 94,778
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OLIGOMER PRIMER"
US-08-317-450B-4

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5001 CTCCTCAGCTGCTGCCAG 5020
DB 20 CTCCTCAGCTGCTGAACGAG 1

RESULT 1374
US-08-437-027-12
Sequence 12, Application US/08437027
Patent No. 5670317
GENERAL INFORMATION:
APPLICANT: Landanyi, Marc
TITLE OF INVENTION: A DIAGNOSTIC TEST FOR TEST FOR THE DESMOPLASTIC
TITLE OF INVENTION: SMALL ROUND CELL TUMOR
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/437,027
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 46416/JPM/CCA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-437-027-12

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3358 ACTCCCCGCTGGGCGCTGC 3377

Db 1 ACTCCCCGCTGGGCGCTGC 20

RESULT 1375

US-08-476-634-12

Sequence 12, Application US/08476634

Patent No. 5674995

GENERAL INFORMATION:

APPLICANT: Becherer, Kathleen Ann

APPLICANT: Naidu, Yachi M.

TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

STREET: 9880 Campus Point Drive

CITY: San Diego

STATE: CA

COUNTRY: USA

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/476,634

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

ATTORNEY/AGENT INFORMATION:

FILING DATE:

REGISTRATION NUMBER: 36,510

REFERENCE/DOCKET NUMBER: CB1006

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-535-2807

TELEFAX: 619-546-7929

TELEX:

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-476-634-12

Query Match

Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2776 GCTTGAGAGTTTGTCAAG 2795

Db 1 GCTGAAGTGTGTGTCAAG 20

RESULT 1376

US-08-487-141B-65

Sequence 65, Application US/08487141B

Patent No. 5683987

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESS: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,141B

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hagan, Patrick J.

REGISTRATION NUMBER: 27,643

REFERENCE/DOCKET NUMBER: 63082C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 65:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-487-141B-65

Query Match

Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 1377

US-08-487-141B-70

Sequence 70, Application US/08487141B

Patent No. 5683987

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESS: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,141B

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-70

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3715 ATCGCGCGAGGCGCGCGC 3734
|||
1 ATGCGCGCGATGCGCGTGC 20

Db 1 ATGCGCGCGATGCGCGTGC 20

RESULT 1378
US-08-487-141B-71
Sequence 71, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-71

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3714 GATCGCGCGAGGCGCGCGC 3733
|||
1 GATGCGCGGATGCGCGTGC 20

Db 1 GATGCGCGGATGCGCGTGC 20

RESULT 1379
US-08-356-287-11/C
Sequence 11, Application US/08356287
Patent No. 5686272
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: Joann Sustachek
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES USING
TITLE OF INVENTION: THE LIGASE CHAIN REACTION
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,287
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Yaeager
REGISTRATION NUMBER: 37,477
REFERENCE/DOCKET NUMBER: 5172.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-2341
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
US-08-356-287-11

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1226 CCAGCAGCTCTCCCGCGCC 1245
|||
20 CCAGCAGCTCTCCCGCGGCC 1

Db 20 CCAGCAGCTCTCCCGCGGCC 1

RESULT 1380
US-08-376-362A-1/C
Sequence 1, Application US/08376362A
Patent No. 5693756
GENERAL INFORMATION:
APPLICANT: Li, Xiao-Jiang
APPLICANT: Snyder, Solomon H.
TITLE OF INVENTION: AMiloride-SENSITIVE SODIUM CHANNEL AND
TITLE OF INVENTION: METHOD OF IDENTIFYING SUBSTANCES WHICH STIMULATE OR BLOCK

TITLE OF INVENTION: SALTY TASTE PERCEPTION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, LTD
STREET: 1001 G Street, N.W., Eleventh Floor
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/376,362A
FILING DATE: 23-JAN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan A., Sarah
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107,48125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9100
TELEFAX: 202 508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-376-362A-1

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2304 GCAGAAACCATCTCCAAA 2323
DB 20 GAAGCACCATCATCATCA 1

RESULT 1381
US-08-255-892-90/c
Sequence 90, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:
APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MAILLET, FRANCOIS
APPLICANT: MAILLET, CLAUDE
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
TITLE OF INVENTION: TECHNIQUE
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAYER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-255-892-90

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2049 ATTGCAACACACTGGCGAA 2068
DB 20 ATGGCAATACACAGAGGAA 1

RESULT 1382
US-08-310-429A-4
Sequence 4, Application US/08310429A
Patent No. 5695935
GENERAL INFORMATION:
APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,429A
FILING DATE: 22-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-310-429A-4

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 762 GAGTTTACAGAGGAAAA 781
Db 1 GGCGTTTACCAAGAGCAAA 20

RESULT 1383
US-08-310-429A-9/C
Sequence 9, Application US/08310429A
Patent No. 5695935
GENERAL INFORMATION:
APPLICANT: Page, David C.
APPLICANT: Reljio, Renee
TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,429A
FILING DATE: 22-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-9540
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-310-429A-9

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 762 GAGTTTACAGAGGAAAA 781
Db 20 GGCGTTTACCAAGAGCAAA 1

RESULT 1384
US-08-171-718-90
Sequence 90, Application US/08171718
Patent No. 5707863
GENERAL INFORMATION:
APPLICANT: Trofalter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gubella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-171-718-90

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 768 TACAAGAGGAAACATGGG 787
Db 1 TACAAGAGGAAACCTGGG 20

RESULT 1385
US-08-588-821-38
Sequence 38, Application US/08588821
Patent No. 5712097
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,821
FILING DATE: 19-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099


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; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-588-821-38

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5113 GAGATAGATGGGATGATC 5112
DB      1 GAGATAGAGAGATGTGAC 20

RESULT 1386
US-08-605-089-15/c
; Sequence 15, Application US/08605089
; Patent No. 5719026
; GENERAL INFORMATION:
; APPLICANT: Takafumi FUKUI
; APPLICANT: Kiyonori KATSURAGI
; APPLICANT: Moritoshi KINOSHITA
; APPLICANT: Sadahito SHIN
; TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
; TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,089
; FILING DATE: 06-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA-6-154571
; FILING DATE: 06-JUL-1994
; APPLICATION NUMBER: PCT/JP95/01352
; FILING DATE: 06-JUL-1995
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 BASES
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
US-08-605-089-15

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3502 AGAAGCAGAGGAGACACCTG 3511
DB      20 AGAAGCAGAGGAGACACAG 1

RESULT 1387
US-08-484-518-12
; Sequence 12, Application US/08484518
; Patent No. 5747470
; GENERAL INFORMATION:
; APPLICANT: Becherer, Kathleen
```

```

; APPLICANT: Datta Gupta, Nanibhushan
; APPLICANT: Naidu, Yachi M.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
; TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO gp130 mRNA
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gen-Probe Incorporated
; STREET: 9880 Campus Point Drive
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,518
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fisher, Carlos A.
; REGISTRATION NUMBER: 36,510
; REFERENCE/DOCKET NUMBER: CB1007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-2807
; TELEFAX: 619-546-7929
; TITEL:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-484-518-12

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2776 GCTTGAGAGTTTGTCAAG 2795
DB      1 GCTCGAAGTGTGGAAG 20

RESULT 1388
US-08-550-715-7/c
; Sequence 7, Application US/08550715
; Patent No. 5750345
; GENERAL INFORMATION:
; APPLICANT: Bowie, Lemuel J.
; TITLE OF INVENTION: Human  $\alpha$ -Thalassemia Mutations as a Predictor of
; TITLE OF INVENTION: Blood-Related Disorders
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/550,715
; FILING DATE:
```

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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaas, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28493/32834
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-550-715-7

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3583 TGAGTCTCTCCCTAGACCT 3602
Db 20 TGATGCTCTCCGACGCT 1

RESULT 1389
US-08-531-556-105
; Sequence 105, Application US/08531556
; Patent No. 577682
; GENERAL INFORMATION:
; APPLICANT: Agouluk, Alexander I
; APPLICANT: Kent First, Marjjo
; APPLICANT: Mueller, Ariego
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Demilt Ross & Stevens, S.C.
; STREET: 8000 Excelior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-531-556-105

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 762 GAGTTTACAGAGGAAA 781
Db 1 GGGTGTACAGAGGCAA 20

RESULT 1390
US-08-943-834-12
; Sequence 12, Application US/08943834
; Patent No. 5780612
; GENERAL INFORMATION:
; APPLICANT: Beecher, Kathleen Ann
; APPLICANT: Dattagupta, Nambhushan
; APPLICANT: Naidu, Yachi M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
; TITLE OF INVENTION: CYOKINE SIGNAL TRANSDUCER gp130 mRNA AS INHIBITORS OF
; TITLE OF INVENTION: DISEASE-ASSOCIATED CELLULAR PROLIFERATION
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gen-Probe Incorporated
; STREET: 9880 Campus Point Drive
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,834
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/476,634
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fisher, Carlos A.
; REGISTRATION NUMBER: 36,510
; REFERENCE/DOCKET NUMBER: CBI006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-2807
; TELEFAX: 619-546-7929
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-943-834-12

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2776 GCTTGAGAGTTGTGAAG 2795
Db 1 GCTGAGAGTTGTGAAG 20

RESULT 1391
US-08-647-584-137
; Sequence 137, Application US/08647584
; Patent No. 5786144
; GENERAL INFORMATION:
; APPLICANT: De Salle, Rob
; APPLICANT: Birstein, Vadim J.
; TITLE OF INVENTION: METHOD AND COMPOSITIONS FOR
; TITLE OF INVENTION: IDENTIFICATION OF SPECIES ORIGIN OF CAVIAR
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Well, Gotshal & Manges LLP
STREET: 2882 Sand Hill Road, Suite 280
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/647,584
FILING DATE: 13-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Baran, Alexandra J.
REGISTRATION NUMBER: 39,101
REFERENCE/DOCKET NUMBER: 14503.4010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 926-6200
TELEFAX: (415) 854-3713
INFORMATION FOR SEQ ID NO: 137:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-647-584-137

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2804 AGGAGAAATGATGAGAGAA 2823
Db 1 AGCAGATTAAGAGAGAGAA 20

RESULT 1392
US-08-835-770-10
Sequence 10, Application US/08835770
Patent No. 5801154
GENERAL INFORMATION:
APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: and Nicholas M. Dean
TITLE OF INVENTION: Oligonucleotide Modulation of Multidrug
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,770
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE: 10/18/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/628,731
FILING DATE: 04/16/96
ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0208
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-835-770-10

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3718 GCGGCGAGGGCGCCGCGAG 3737
Db 1 GCGGCGATGCGCGTGGCGAG 20

RESULT 1393
US-08-628-731-10
Sequence 10, Application US/08628731
Patent No. 5807838
GENERAL INFORMATION:
APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Clarence Frank
TITLE OF INVENTION: Oligonucleotide Interference with
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,731
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-628-731-10

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3718 GCGGCGAGGGCCCGGCAAG 3737
 |||||
 Db 1 GCGGCGATGGGCGTGCGCAG 20

RESULT 1394
US-08-715-142-24/C

GENERAL INFORMATION:
APPLICANT: Frankel, Wayne N.
APPLICANT: Cox, Gregory A.
APPLICANT: Lutz, Cathleen M.
APPLICANT: No. 5811244b61s, Jeffrey L.
TITLE OF INVENTION: CLINICAL DISORDERS ASSOCIATED WITH NHEK
TITLE OF INVENTION: MUTATION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:

Query Match 0.3%; Score 13.6; DB 1; length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 1395
US-08-915-214-38
Sequence 38 Application US/08915214
Patent No. 5614457
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPCC
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA

```

1      ZIP: 92037
2      COMPUTER READABLE FORM:
3      MEDIUM TYPE: Floppy disk
4      COMPUTER: IBM PC compatible
5      OPERATING SYSTEM: PC-DOS/MS-DOS
6      SOFTWARE: Patentin Release #1.0, Version #1.30
7      CURRENT APPLICATION DATA:
8      APPLICATION NUMBER: US/08/915,214
9      FILING DATE: 20-AUG-1997
10     CLASSIFICATION: 435
11     PRIOR APPLICATION DATA:
12     APPLICATION NUMBER: US 08/588,821
13     FILING DATE: 19-JAN-1996
14     ATTORNEY/AGENT INFORMATION:
15     NAME: Haile, Lisa A.
16     REGISTRATION NUMBER: 38,347
17     REFERENCE/DOCKET NUMBER: 07265/079001
18     TELECOMMUNICATION INFORMATION:
19     TELEPHONE: 619/678-5070
20     TELEFAX: 619/678-5099
21     INFORMATION FOR SEQ ID NO: 38:
22     SEQUENCE CHARACTERISTICS:
23     LENGTH: 20 base pairs
24     TYPE: nucleic acid
25     STRANDEDNESS: single
26     TOPOLOGY: linear
27     MOLECULE TYPE: DNA
28     US-08-915-214-38

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Query Match	0.3%;	Score	13.6;	DB	1;	Length	20;
Best Local Similarity	80.0%;	Pred. No.	1.3e+03;				
Matches	16;	Conservative	0;	Mismatches	4;	Indels	0;
						Gaps	0

RESULT 1396
 US-08-465-485A-26/c
 Sequence 26, Application US/08465485A
 Patent No. 5831066
 GENERAL INFORMATION:
 APPLICANT: Reed, John
 TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OLOV, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ADDRESSEE: P.C.
 STREET: 1755 S. Jefferson Davis Hwy., Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/465,485A
 FILING DATE: 05-JUN-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/124,256
 FILING DATE: 20-SEP-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/840,716
 FILING DATE: 21-FEB-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/288,692
 FILING DATE: 22-DEC-1988
 ATTORNEY/AGENT INFORMATION:
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 463

NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 436-2070
TELEFAX: (408) 436-2075
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA
ANTI-SENSE: YES
FEATURE:
NAME/KEY: Modified_base
LOCATION: 18..19
OTHER INFORMATION: Last two internucleoside linkages are
OTHER INFORMATION: phosphorothioates
US-08-465-485A-26

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3742 TGCCCGGCGCCGCTCCG 3761
DB 20 TGCCCGGCGCCGCGCGCG 1

RESULT 1397
US-08-465-485A-27
Sequence 27, Application US/08465485A
Patent No. 5831066
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
STEER: 1755 S. Jefferson Davis Hwy., Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,485A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/124,256
FILING DATE: 20-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/288,692
FILING DATE: 22-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 436-2070
TELEFAX: (408) 436-2075
INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA
ANTI-SENSE: NO
FEATURE:
NAME/KEY: Modified_base
LOCATION: 18..19
OTHER INFORMATION: Last two internucleoside linkages are
OTHER INFORMATION: phosphorothioates
US-08-465-485A-27

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3786 GAGGCGAGGCGCGCGCGG 3805
DB 1 GAGGCGAGGCGCGCGCGG 20

RESULT 1398
US-08-440-740A-13/C
Sequence 13, Application US/08440740A
Patent No. 5843738
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,740A
FILING DATE: May 12, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:

LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-440-740A-13

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGACCCCATGA 3180
DB 20 CACAGCCAGCCTCCCTGA 1

RESULT 1399
US-08-117-952-255/C
Sequence 255, Application US/08117952

PATENT No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423

TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ. ID NO: 255:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-08-117-952-255

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2795 GAGTCAGAGGAGAAATG 2814
DB 20 GAGTCAGGAGCGTGAAGG 1

RESULT 1400

US-08-887-365-7/C
Sequence 7, Application US/08887365

PATENT No. 5858760
GENERAL INFORMATION:
APPLICANT: Dalboe, Henrik
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Andersen, Lene N.
APPLICANT: Christgau, Stephan
APPLICANT: Heldt-Hansen, Hans P.
TITLE OF INVENTION: AN ENZYME WITH PECTIN LYASE ACTIVITY
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. 58587600 No. 5858760disk of No. 5858760th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America

ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,365
FILING DATE: 02-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/513,928
FILING DATE: 26-SEP-1995

ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 3955.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ. ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-887-365-7

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3449 AAACCGGCTCCTCCCA 3468
DB 20 AAACCGAGTCGCACTACCA 1

RESULT 1401
US-08-690-734A-3
Sequence 3, Application US/08690734A

PATENT No. 5871920
GENERAL INFORMATION:
APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
TITLE OF INVENTION: DNA: A GENE ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Millita Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US

ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,734A
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-07A
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-690-734A-3

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 762 GAGTTTACAGAGGAAA 781
Db 1 GGGTGTACAGAGGAAA 20

RESULT 1402
US-08-690-734A-8/c
Sequence 8, Application US/08690734A
Patent No. 5871920
GENERAL INFORMATION:
APPLICANT: Page, David C.
ATTORNEY/AGENT INFORMATION:
NAME: Reljio, Renee
TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Milltia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,734A
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-07A
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: linear
US-08-690-734A-8

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 762 GAGTTTACAGAGGAAA 781
Db 20 GGGTGTACAGAGGAAA 1

RESULT 1403
US-08-690-734A-74
Sequence 74, Application US/08690734A
Patent No. 5871920
GENERAL INFORMATION:
APPLICANT: Page, David C.
ATTORNEY/AGENT INFORMATION:
NAME: Reljio, Renee
TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Milltia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,734A
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-07A
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-690-734A-74

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 762 GAGTTTACAGAGGAAA 781
Db 1 GGGTGTACAGAGGAAA 20

RESULT 1404
US-08-623-906A-33
Sequence 33, Application US/08623906A
Patent No. 5874217
GENERAL INFORMATION:
APPLICANT: Stevenson, Tamara
ATTORNEY/AGENT INFORMATION:
NAME: Dvorak, Jan
APPLICANT: Halverson, Joy

TITLE OF INVENTION: Microsatellite Sequences for Canine
TITLE OF INVENTION: Genotyping
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOMBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: US
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,906A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
TELEPHONE: 415-781-1989
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-398-3249
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-623-906A-33

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4248 TGAGGCTTAGCAGCAGTC 4267
DB 1 TGGGGCTTAAGTCCAAAGTTC 20

RESULT 1405
US-08-927-561-65
Sequence 65, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:

NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-65

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3705 CAGAGCGCTGATGCGCGCA 3724
DB 1 CCGAGATGATGATGCGCGCA 20

RESULT 1406
US-08-927-561-70
Sequence 70, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-70

Query Match
0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3715 ATGCGCGCGAGCGCCCGC 3734

Db 1 ATGCGCGCGATGGCGCTGC 20

RESULT 1407

US-08-927-561-71

Sequence 71, Application US/08927561

Patent No. 5874567

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/927,561

FILING DATE: 08-SEPT-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/487,141

FILING DATE: 05-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Rigaute, Kathleen D.

REGISTRATION NUMBER: P43,047

REFERENCE/DOCKET NUMBER: 63082C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOHETICAL: NO

ANTI-SENSE: YES

US-08-927-561-71

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3714 GATCGCGCGAGCGCCCGC 3733

Db 1 GATCGCGCGATGGCGCTGC 20

RESULT 1408

US-08-478-178A-113/C

Sequence 113, Application US/08478178A

Patent No. 5882927

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of

NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESS:

Kinase C

ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5882927r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/478,178A

FILING DATE: herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: 1S1S-1154

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 113:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-478-178A-113

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCAGCAGATGAAGAA 1687

Db 20 CTCCTGTCGCGTTGAAGAA 1

RESULT 1409

US-08-344-155C-13/C

Sequence 13, Application US/08344155C

Patent No. 5883082

GENERAL INFORMATION:

APPLICANT: Bennett and Stepkowski

TITLE OF INVENTION: Compositions and Methods for Preventing

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodland Falls Corporate Park

STREET: 210 Lake Drive East, Suite 201

CITY: Cherry Hill

STATE: NJ

COUNTRY: USA

ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/344,155C

FILING DATE: No. 5883082ember 23, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 939,855

FILING DATE: September 2, 1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: 5/17/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: 1/21/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286
FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0098
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-344-155C-13

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGCCCATGA 3180
DB 20 CACAGCCAGCCCTCCTGA 1

RESULT 1410
US-08-488-177-113/C
Sequence 113, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970 is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-488-177-113

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCGAGCATGAGAA 1687
DB 20 CTCCTGTCGGGTGAGAA 1

RESULT 1411
US-08-460-751-9/C
Sequence 9, Application US/08460751
Patent No. 5891628
GENERAL INFORMATION:
APPLICANT: Reeders, Stephen
APPLICANT: Schneider, Michael
APPLICANT: Gluckemann, Sandra
TITLE OF INVENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY
TITLE OF INVENTION: DISEASE GENE, DIAGNOSTICS AND TREATMENT
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,751
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/413,580
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7638-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-460-751-9

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 387 TGGCAGCCAGCCGAGCCACC 406
DB 20 TGGCAGCCAGCCGAGCCACC 1

Db 20 TGGAGCGCGCTAGGCGCAGC 1

RESULT 1412

US-08-750-703-7/c
; Sequence 7, Application US/08750703
; Patent No. 5891633

GENERAL INFORMATION:

APPLICANT: Gonzalez, Frank J., Idle, Jeffrey R.

TITLE OF INVENTION: DEFECTS IN DRUG

TITLE OF INVENTION: METABOLISM

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Morgan & Finnegan

STREET: 345 Park Ave.

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10154-0053

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/750,703

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/07605

FILING DATE: 16-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Dorothy R. Auth

REGISTRATION NUMBER: 36,434

REFERENCE/DOCKET NUMBER: 2026-4196PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: oligonucleotide

FEATURE:

NAME/KEY: J51

LOCATION:

OTHER INFORMATION: Primer used for CYP2A6

OTHER INFORMATION: detection.

US-08-750-703-7

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4347 AGTGCCTGTTGAGGCGCC 4366

Db 20 AGTGCCTGATGAGGAGCC 1

RESULT 1413

US-08-500-857A-28

; Sequence 28, Application US/08500857A

; Patent No. 5912156

GENERAL INFORMATION:

APPLICANT: OHATA, SHOZO

APPLICANT: USAMI, STORU

APPLICANT: BURELL, JAMES N

TITLE OF INVENTION: POLYPEPTIDE HAVING COLD-STABLE PYRUVATE,

TITLE OF INVENTION: ORTHOPHOSPHATE KINASE ACTIVITY, DNA ENCODING THE SAME

TITLE OF INVENTION: AND RECOMBINANT VECTOR AND TRANSFORMED PLANTS CONTAINING

TITLE OF INVENTION: THE DNA

NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH, LLP

STREET: 810 GATE HOUSE ROAD SUITE 500 EAST

CITY: FALLS CHURCH

STATE: VA

COUNTRY: USA

ZIP: 22042

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/500,857A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: MURPHY JR, GERALD M

REGISTRATION NUMBER: 28,977

REFERENCE/DOCKET NUMBER: 760-208P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-205-8000

TELEFAX: 103-205-8050

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-08-500-857A-28

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5242 GCGTACCAATTAATGTGCG 5261

Db 1 GCTTAACAATGACTTGTGC 20

RESULT 1414

US-08-481-072A-113/c

; Sequence 113, Application US/08481072A

; Patent No. 5916807

GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of

TITLE OF INVENTION: Protein

NUMBER OF SEQUENCES: 121

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Woodcock Washburn Kurtz

ADDRESSEE: Mackiewicz & No. 5916807is

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/481,072A

FILING DATE: herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: March 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond

Kinase C

```
/
/   REGISTRATION NUMBER: 35,152
/   REFERENCE/DOCKET NUMBER: ISIS-1154
/   TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (215) 568-3100
/   TELEFAX: (215) 568-3439
/   INFORMATION FOR SEQ ID NO: 113:
/   SEQUENCE CHARACTERISTICS:
/   LENGTH: 20
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/   ANTI-SENSE: yes
/
US-08-481-072A-113

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCAGCAGATGAAGAA 1687
DB 20 CTCCTGTCGCGGTTGAAGAA 1

RESULT 1415
US-08-664-336-113/c
/ Sequence 113, Application US/08664336
/ Patent No. 5922686
/
/ GENERAL INFORMATION:
/   APPLICANT: Nicholas Dean, C. Frank Bennett
/   TITLE OF INVENTION: Oligonucleotide Modulation of Protein
/   NUMBER OF SEQUENCES: 121
/   CORRESPONDENCE ADDRESSES:
/   ADDRESSEE: Woodcock Washburn Kurtz
/   STREET: One Liberty Place - 46th Floor
/   CITY: Philadelphia
/   STATE: PA
/   COUNTRY: USA
/   ZIP: 19103
/
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
/   COMPUTER: IBM PS/2
/   OPERATING SYSTEM: PC-DOS
/   SOFTWARE: WORDPERFECT 6.1
/   CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/664,336
/   FILING DATE: herewith
/   CLASSIFICATION: 536
/   PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: 852,852
/   FILING DATE: March 16, 1992
/   PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: 089,996
/   FILING DATE: July 9, 1993
/   ATTORNEY/AGENT INFORMATION:
/   NAME: Paul K. Legaard
/   REGISTRATION NUMBER: 38,534
/   REFERENCE/DOCKET NUMBER: ISIS-2345
/   TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (215) 568-3100
/   TELEFAX: (215) 568-3439
/   INFORMATION FOR SEQ ID NO: 113:
/   SEQUENCE CHARACTERISTICS:
/   LENGTH: 20
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/   ANTI-SENSE: yes
/
US-08-664-336-113

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 1668 CTCCTGCAGCAGATGAAGAA 1687
DB 20 CTCCTGTCGCGGTTGAAGAA 1

RESULT 1416
US-08-256-426B-173/c
/ Sequence 173, Application US/08256426B
/ Patent No. 5948611
/
/ GENERAL INFORMATION:
/   APPLICANT: Prockop, Darwin J.
/   APPLICANT: Ala-Kokko, Leena
/   APPLICANT: Williams, Charlene J.
/   APPLICANT: Rytvanient, Pertti
/   APPLICANT: Baldwin, Clinton
/   APPLICANT: Hopkinson, Ian
/   APPLICANT: Ahmad, Nilofar Nina
/   TITLE OF INVENTION: Methods of Detecting A Genetic
/   NUMBER OF SEQUENCES: 293
/   CORRESPONDENCE ADDRESSES:
/   ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611r1s
/   STREET: One Liberty Place - 46th Floor
/   CITY: Philadelphia
/   STATE: PA
/   COUNTRY: USA
/   ZIP: 19103
/
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: DISKETTE, 3.5 INCH
/   COMPUTER: IBM Compatible
/   OPERATING SYSTEM: Windows 3.1
/   SOFTWARE: WORDPERFECT 6.1
/   CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/256,426B
/   FILING DATE: 03-FEB-1995
/   CLASSIFICATION: 435
/   PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: PCT/US93/10964
/   FILING DATE: 12-NOV-1993
/   PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: US 07/977,284
/   FILING DATE: 13-NOV-1992
/   ATTORNEY/AGENT INFORMATION:
/   NAME: Mark DeLuca
/   REGISTRATION NUMBER: 33,229
/   REFERENCE/DOCKET NUMBER: TUT-1082
/   TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (215) 568-3100
/   TELEFAX: (215) 568-3439
/   INFORMATION FOR SEQ ID NO: 173:
/   SEQUENCE CHARACTERISTICS:
/   LENGTH: 20
/   TYPE: NUCLEIC ACID
/   STRANDEDNESS: SINGLE
/   TOPOLOGY: LINEAR
/   ANTI-SENSE: NO
/
US-08-256-426B-173

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4857 GCTAGAGATGCCAAGCCTG 4876
DB 20 GCTTAGAGACCCAGGCTG 1

RESULT 1417
US-09-005-532-38
/ Sequence 38, Application US/09005532
/ Patent No. 5955292
/
/ GENERAL INFORMATION:
/   APPLICANT: Kern, Scott E.
```

APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-005-532-38

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5113 GAGATAGATGGGTGATGTC 5132
DB 1 GAGATAGATGGGTGATGTC 20

RESULT 1418
US-08-481-066A-113/C
Sequence 113, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 15, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 1S1S-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-066A-113

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCACAGATGAGAA 1687
DB 20 CTCCTGCCTGCGTTGAGAA 1

RESULT 1419
US-08-771-602D-18
Sequence 18, Application US/08771602D
Patent No. 5976795
GENERAL INFORMATION:
APPLICANT: Voytas, Daniel F.
TITLE OF INVENTION: Retrotransposon and Methods
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder
STATE: Colorado
COUNTRY: USA
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/771,602D
FILING DATE: 20-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/010,869
FILING DATE: 31-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Feiber, Donna M.
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 8-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide."
HYPOTHETICAL: NO
US-08-771-602D-18

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1755 GCGCCCTCCCTCCCAAGAGAT 1774
DB 1 GCCTCTCTCTCTTAAGAGAT 20

RESULT 1420
US-09-205-860-3/c
Sequence 3, Application US/09205860
Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-205-860-3

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1604 GGAGAGATCTCGGAGG 1623
DB 20 GGTGAAGATCTCTGCTCTGG 1

RESULT 1421
US-08-206-790A-1
Sequence 1, Application US/08206790A
Patent No. 5985547
GENERAL INFORMATION:
APPLICANT: Mellins, Elizabeth D.
TITLE OF INVENTION: HLA-DM is Involved in Antigen Presentation to T
TITLE OF INVENTION: Lymphocytes
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 598554771s
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/206,790A
FILING DATE: 04-MAR-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Trujillo, Doreen Y.
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CH-0485
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
ANTI-SENSE: NO
US-08-206-790A-1

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2441 CCGTTTGAAGACTGACTC 2460
DB 1 CCTGTTGGACACTGACTC 20

RESULT 1422
US-09-289-368-14
Sequence 14, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSION
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-14

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1315 CAAGCTGTGTCATCCATT 1334
DB 1 CAAGCTGAGGTACGCCATT 20

RESULT 1423
US-09-226-568-5/c
Sequence 5, Application US/09226568
Patent No. 6001992
GENERAL INFORMATION:
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcuseon, Eric G.
TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic
TITLE OF INVENTION: bcl-2-Related Proteins
FILE REFERENCE: ISPH-0337
CURRENT APPLICATION NUMBER: US/09/226,568
CURRENT FILING DATE: 1999-01-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: sequence
US-09-226-568-5

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2477 CACCAGCAGAGGACGAG 2496
Db 20 CACCAGCAGAGATGACAG 1

RESULT 1424
US-09-226-568-7/c
Sequence 7, Application US/09226568
Patent No. 6001992
GENERAL INFORMATION:
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic
FILE REFERENCE: ISPH-0337
CURRENT APPLICATION NUMBER: US/09/226,568
CURRENT FILING DATE: 1999-01-07
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
US-09-226-568-7

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3518 GCTGCTCAGAGAGCTGC 3537
Db 20 GCTGCTCAGAGATCTGC 1

RESULT 1425
US-08-985-908-21
Sequence 21, Application US/08985908
Patent No. 6004773
GENERAL INFORMATION:
APPLICANT: MASAYUKI ARAKI, MASAKAZU SUGIMOTO, YASUHIKO YOSHIHARA, AND TSUYOSHI NA
TITLE OF INVENTION: METHOD FOR PRODUCING L-LYSINE
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
CITY: ARLINGTON
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,908
FILING DATE: 05-DEC-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 8-325659
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: NORMAN F. OBLON
REGISTRATION NUMBER: 24,618
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
ANTI-SENSE: no
US-08-985-908-21

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3546 AACCCGAGATGTTGAGAA 3565
Db 1 AACCTGATGTTGAGAA 20

RESULT 1426
US-08-589-939-41
Sequence 41, Application US/08589939
Patent No. 6015662
GENERAL INFORMATION:
APPLICANT: Hackett, Jr., John R.
APPLICANT: Hoff, Jane A.
APPLICANT: Ostrow, David H.
APPLICANT: Golden, Alan M.
TITLE OF INVENTION: REAGENTS FOR USE AS CALIBRATORS AND
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: US
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/589,939
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5865, US. 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-935-1729
TELEFAX: 847-938-2623
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-589-939-41

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3315 GACCCAGCCGACGCTG 3334
Db 1 GACCCAGCCGACGCTG 20

RESULT 1427

US-09-357-072-64
; Sequence 64, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09357, 072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-64

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1342 AGGTCAGGCGCTGTCGAC 1361
DB 1 AGGTCAGGCGCTGTCGAC 20

RESULT 1428
US-08-578-615A-72/c
; Sequence 72, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892r1s LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-578-615A-72

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCGACAGATGAGAA 1687
DB 20 CTCCTGCGCGGTGAGAA 1

RESULT 1429
US-08-578-615A-73/c
; Sequence 73, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892r1s LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-578-615A-73

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCGACAGATGAGAA 1687
DB 20 CTCCTGCGCGGTGAGAA 1

RESULT 1430
US-08-982-845B-13/c
; Sequence 13, Application US/08982845B
; Patent No. 6015894

GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982,845B
FILING DATE: December 2, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0243
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-982-845B-13

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGACCCCATGA 3180
DB 20 CACAGCCAGCCCTCCTGA 1

RESULT 1431
US-08-914-961-5/c
Sequence 5, Application US/0891961
Patent No. 6018042
GENERAL INFORMATION:
APPLICANT: Mett, Helmut
APPLICANT: Haner, Robert
APPLICANT: Dean, Nicholas Mark
TITLE OF INVENTION: Antitumor Antisense Oligonucleotides

NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Editor
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/914,961
FILING DATE: 20-AUG-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/287,753
FILING DATE: 09-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 4-20047/P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8615
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
POSITION IN GENOME:
MAP POSITION: 60
UNITS: bp
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..20
OTHER INFORMATION: /note="All nucleotides are of the
US-08-914-961-5
OTHER INFORMATION: phosphorothioate type"

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2330 GCAGCAGCAGTAGCGCAGCC 2349
DB 20 GCAGCAGCCCGAGCGCAACC 1

RESULT 1432
US-08-742-185-3
Sequence 3, Application US/08742185
Patent No. 6020476
GENERAL INFORMATION:
APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
APPLICANT: Saxena, Richa
APPLICANT: Hawkins, Trevor
APPLICANT: Reeve, Mary Pat
TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US
ZIP: 02173

```

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US 08/742,185
/ FILING DATE: 30-OCT-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/690,734
/ FILING DATE: 31-JUL-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/310,429
/ FILING DATE: 22-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: WH194-07A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/
US-08-742-185-3

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      762 GAGTTTACAGAGAGAAA 781
Db      1 GGGTGTACCGAGAGCAA 20

RESULT 1433
US-08-742-185-8/C
/ Sequence 8, Application US/08742185
/ Patent No. 6020476
/ GENERAL INFORMATION:
/ APPLICANT: Page, David C.
/ APPLICANT: Reijo, Renee
/ APPLICANT: Saxena, Richa
/ APPLICANT: Hawkins, Trevor
/ APPLICANT: Reeve, Mary Pat
/ TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
/ NUMBER OF SEQUENCES: 102
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: US
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US 08/742,185
/ FILING DATE: 30-OCT-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/690,734
/ FILING DATE: 31-JUL-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/310,429
/ FILING DATE: 22-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: WH194-07A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 74:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-742-185-74
```

```

/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: WH194-07A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/
US-08-742-185-8

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      762 GAGTTTACAGAGAGAAA 781
Db      20 GGGTGTACCGAGAGCAA 1

RESULT 1434
US-08-742-185-74
/ Sequence 74, Application US/08742185
/ Patent No. 6020476
/ GENERAL INFORMATION:
/ APPLICANT: Page, David C.
/ APPLICANT: Reijo, Renee
/ APPLICANT: Saxena, Richa
/ APPLICANT: Hawkins, Trevor
/ APPLICANT: Reeve, Mary Pat
/ TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
/ NUMBER OF SEQUENCES: 102
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: US
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US 08/742,185
/ FILING DATE: 30-OCT-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/690,734
/ FILING DATE: 31-JUL-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/310,429
/ FILING DATE: 22-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: WH194-07A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 74:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-742-185-74
```

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 762 GAGTTTACAGAGAGAAA 781
1 GGGTGTACCAAGAGCAAA 20

RESULT 1435

US-08-665-259-45
; Sequence 45, Application US/08665259
; Patent No. 6028173
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Comore, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,259
; FILING DATE: 17-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-9.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-665-259-45

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4236 GTTCACGCGCTTGAGGCTT 4255
1 GTTCACGCGCTTGAGGATT 20

RESULT 1436
US-08-762-500-45
; Sequence 45, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Comore, Timothy D.

APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762,500
FILING DATE: 09-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,259
FILING DATE: 17-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10469
FILING DATE: 17-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IGS-9.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
US-08-762-500-45

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4236 GTTCACGCGCTTGAGGCTT 4255
1 GTTCACGCGCTTGAGGATT 20

RESULT 1437
US-08-641-291A-84/C
; Sequence 84, Application US/08641291A
; Patent No. 6037122
; GENERAL INFORMATION:

APPLICANT: MARIAT CLAUDE
APPLICANT: RUMY RAYMOND
TITLE OF INVENTION: NUCLEOTIDE FRAGMENT OF THE 16S RIBOSOMAL RNA OF CORYNEBACTERIUM
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release # 1.0, version # 1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/641,291A
/ FILING DATE: 30-APR-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Berridge, William P.
/ REGISTRATION NUMBER: 30,024
/ REFERENCE/DOCKET NUMBER: MPB 38273
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-836-6400
/ TELEFAX: 703-836-2787
/ INFORMATION FOR SEQ ID NO: 84:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleotide
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: rRNA
/ US-08-641-291A-84

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1373 GTCCTCCGACCGGCGCTCC 1392
DB      20 GTCTCCACCGCGGTCTCTGCC 1

RESULT 1438
US-09-080-285-26/c
/ Sequence 26, Application US/09080285
/ Patent No. 6040181
/ GENERAL INFORMATION:
/ APPLICANT: Reed, John
/ TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSER: P.C.
/ STREET: 1755 S. Jefferson Davis Hwy., Suite 400
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: U.S.A.
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/080,285
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/465,485
/ FILING DATE: 05-JUN-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/124,256
/ FILING DATE: 20-SEP-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/840,716
/ FILING DATE: 21-FEB-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/288,692
/ FILING DATE: 22-DEC-1988
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fortney, Andrew D.
/ REGISTRATION NUMBER: 34,600
/ REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
/ TELECOMMUNICATION INFORMATION:

```

```

/ TELEPHONE: (408) 436-2070
/ TELEFAX: (408) 436-2075
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid;
/ DESCRIPTION: Synthetic DNA
/ ANTI-SENSE: YES
/ FEATURE:
/ NAME/KEY: Modified_base
/ LOCATION: 18..19
/ OTHER INFORMATION: Last two internucleoside linkages are
/ OTHER INFORMATION: phosphorothioates
/ US-09-080-285-26

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3742 TCCCGCGCGCGCGGCTGCGC 3761
DB      20 TCCCGCGCGCGCGGCGCGC 1

RESULT 1439
US-09-080-285-27
/ Sequence 27, Application US/09080285
/ Patent No. 6040181
/ GENERAL INFORMATION:
/ APPLICANT: Reed, John
/ TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSER: P.C.
/ STREET: 1755 S. Jefferson Davis Hwy., Suite 400
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: U.S.A.
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/080,285
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/465,485
/ FILING DATE: 05-JUN-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/124,256
/ FILING DATE: 20-SEP-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/840,716
/ FILING DATE: 21-FEB-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/288,692
/ FILING DATE: 22-DEC-1988
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fortney, Andrew D.
/ REGISTRATION NUMBER: 34,600
/ REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (408) 436-2070
/ TELEFAX: (408) 436-2075
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:

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LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA
ANTI-SENSE: NO
FEATURE:
NAME/KEY: Modified_base
LOCATION: 18..19
OTHER INFORMATION: Last two internucleoside linkages are
US-09-080-285-27
OTHER INFORMATION: phosphorothioates

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3786 GAGGCGAGGCGCGCGCGG 3805
DB 1 GGCGCGAGCGCGCGCGCGG 20

RESULT 1440
US-08-445-515-16
Sequence 16, Application US/08445515
Patent No. 6043088
GENERAL INFORMATION:
APPLICANT: Bookstein, Robert
TITLE OF INVENTION: A No. 6043088el Prostate/Colon Tumor Suppressor
TITLE OF INVENTION: Gene located on Human Chromosome 8
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRES:
ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,515
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-CJ 1607
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-445-515-16

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1101 TTGTGAAGCAGGCTCCAG 1120
DB 1 TTGTGAAGCAGGCTCCAG 20

RESULT 1441
US-09-120-853-5
Sequence 5, Application US/09120853
Patent No. 6057437
GENERAL INFORMATION:
APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Artificial
US-09-120-853-5
OTHER INFORMATION: nucleic acid sequence

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1162 AGAGCTCTATGAGAGATC 1181
DB 1 AAGAGCTCCAGAGAGATC 20

RESULT 1442
US-09-120-853-8/c
Sequence 8, Application US/09120853
Patent No. 6057437
GENERAL INFORMATION:
APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Artificial
US-09-120-853-8
OTHER INFORMATION: nucleic acid sequence

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 288 CTCCTCTTGTGCTGTTCT 307
DB 20 CTCCTCTTGTGCTGTTCT 1

RESULT 1443
US-09-344-519-37/c
Sequence 37, Application US/09344519
Patent No. 6066500
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF BETA CATENIN EXPRESSION
FILE REFERENCE: RTS-0059
CURRENT APPLICATION NUMBER: US/09/344,519
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-519-37

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2922 AGCATCAAGTCTCTGACAG 2941
Db 20 AGCCACAGCTCTCTGACAG 1

RESULT 1444
US-08-765-626-8
Sequence 8, Application US/08765626
Patent No. 6071726
GENERAL INFORMATION:
APPLICANT: Visible Genetics Inc.
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,626
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08605
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 5 of human p53 gene
US-08-765-626-8

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1195 CATCCCTGAGTCTCTGACAG 1214
Db 1 CAGCCCTGCTCTCTCCAG 20

RESULT 1445
US-08-478-087-90
Sequence 90, Application US/08478087
Patent No. 6077685
GENERAL INFORMATION:
APPLICANT: Trolater, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-478-087-90

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 768 TACAGAGGAAACATGGG 787

DB 1 TACAGAGGAAAGACCTGGG 20

RESULT 1446

US-08-991-525B-13/C

; Sequence 13, Application US/08991525B

; Patent No. 6093811

; GENERAL INFORMATION:

; APPLICANT: Bennett and Mirabelli

; TITLE OF INVENTION: Oligonucleotide Modulation

; NUMBER OF SEQUENCES: 87

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: USA

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; OPERATING SYSTEM: Windows 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/991,525B

; FILING DATE: December 16, 1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 440,740

; FILING DATE: May 12, 1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 063,167

; FILING DATE: May 17, 1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 969,151

; FILING DATE: February 10, 1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 007,997

; FILING DATE: January 21, 1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 939,855

; FILING DATE: September 2, 1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 567,286

; FILING DATE: August 14, 1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; TELECOMMUNICATION INFORMATION:

; REFERENCE/DOCKET NUMBER: ISPH-0247

; TELEPHONE: (856) 810-1515

; TELEFAX: (856) 810-1454

; INFORMATION FOR SEQ ID NO: 13:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-08-991-525B-13

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3161 CACGAGCCAGACCCATGA 3180

DB 20 CACAGCCAGGCTCCTGA 1

RESULT 1447

US-09-085-759-13/C

; Sequence 13, Application US/09085759

; Patent No. 6096722

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett, Christopher Mirabelli,

; TITLE OF INVENTION: Antisense Modulation of Cell Adhesion

; NUMBER OF SEQUENCES: 109

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: USA

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 5.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/085,759

; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/440,740

; FILING DATE: May 12, 1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 063,167

; FILING DATE: May 17, 1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 969,151

; FILING DATE: February 10, 1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 007,997

; FILING DATE: January 20, 1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 939,855

; FILING DATE: September 2, 1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 567,286

; FILING DATE: August 14, 1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; TELECOMMUNICATION INFORMATION:

; REFERENCE/DOCKET NUMBER: ISPH-0311

; TELEPHONE: (609) 779-2400

; TELEFAX: (609) 779-8488

; INFORMATION FOR SEQ ID NO: 13:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-085-759-13

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3161 CACGAGCCAGACCCATGA 3180

DB 20 CACAGCCAGGCTCCTGA 1

RESULT 1448

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US-09-418-641-56
; Sequence 56, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-56

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1898 GATCCTCAACACTCCCTGC 1917
Db      1 GCTCCTCATCTCTCGCTGC 20

RESULT 1449
US-09-377-310-6
; Sequence 6, Application US/09377310B
; Patent No. 6133031
; GENERAL INFORMATION:
; APPLICANT: Montie, Brett P.
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: Antisense Modulation of Focal Adhesion Kinase
; FILE REFERENCE: ISPH-0389
; CURRENT APPLICATION NUMBER: US/09/377,310B
; CURRENT FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-310-6

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2808 GAAATGAGAGAGAGTGA 2827
Db      1 GAAACTGAGAGAGGACTGA 20

RESULT 1450
US-09-280-799-161
; Sequence 161, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Kairas, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
```

```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 161
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-161

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1579 TGTGATCTGTGTGGAAACA 1598
Db      1 TGCTGATGTGTGTGGAAACA 20

RESULT 1451
US-08-882-046-71/c
; Sequence 71, Application US/08882046
; Patent No. 6136952
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; APPLICANT: Hood, Leroy
; APPLICANT: Krantz, Ian D.
; APPLICANT: Spiner, Nancy B.
; TITLE OF INVENTION: Human Jagged Polypeptide, Encoding
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,046
; FILING DATE: 25-JUN-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-WV 2637
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..10
; NAME/KEY: intron
; LOCATION: 11..20
US-08-882-046-71

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4427 TAATAATAATATGCGACA 4446
```


Db 20 TTACTACTACATGCCACA 1

RESULT 1452

US-09-418-640-26
; Sequence 26, Application US/09418640
; Patent No. 6140125
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
; FILE REFERENCE: RTS-0102
; CURRENT APPLICATION NUMBER: US/09/418,640
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-26

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 385 GGTGGCAGCCGAGGCCA 404
Db 1 GCTGTACGCCGCGAGGCCA 20

RESULT 1453

US-08-800-593-4/c
; Sequence 4, Application US/08800593
; Patent No. 6143505
; GENERAL INFORMATION:
; APPLICANT: Trygsvason, Karl
; APPLICANT: Kallunki, Pekka
; APPLICANT: Pyke, Charles
; TITLE OF INVENTION: Laminin Chains: Diagnostic and
; TITLE OF INVENTION: Therapeutic Use
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boelnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/800,593
; FILING DATE: 18-FEB-1997
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/317,450
; FILING DATE: 04-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Chao, Mark
; REGISTRATION NUMBER: 37,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGOMER PRIMER"
US-08-800-593-4

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5001 CTCTCAGCCTGAGCTGCAG 5020
Db 20 CTCTCAGCCTGATACCG 1

RESULT 1454

US-08-765-340-27/c
; Sequence 27, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & PINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version
; SOFTWARE: #1.30 (BRO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
; FILING DATE: 23-DEC-1996
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-27

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 514 TGGTCCCTGCTGGACCAT 533
|||||
Db 20 TGGTCCAGGCTGCACCAT 1

RESULT 1455
US-08-765-340-90

; Sequence 90, Application US/08765340
; Patent No. 615092

; GENERAL INFORMATION:

; APPLICANT: UCHIDA, K.,

; APPLICANT: UCHIDA, T.,

; APPLICANT: TANAKA, Y.,

; APPLICANT: MATSUDA, Y.,

; APPLICANT: KONDO, S.,

; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID

; NUMBER OF SEQUENCES: 185

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MORGAN & PINNEGAN, L.L.P.

; STREET: 345 PARK AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10154

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patent Release #1.0, Version

; SOFTWARE: #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/765,340

; FILING DATE: 23-DEC-1996

; APPLICATION NUMBER: JP 145146/94

; FILING DATE: 27-JUN-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: JP 311130/94

; FILING DATE: 21-NOV-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: SERUNIAN, LESLIE

; REGISTRATION NUMBER: 35,353

; REFERENCE/DOCKET NUMBER: 1452-4005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 758-4800

; TELEFAX: (212) 751-6849

; INFORMATION FOR SEQ ID NO: 90:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "synthetic DNA"

US-08-765-340-90

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4158 GCTGCTCCTCTGCCACG 4177
|||||
Db 1 GCTCCTCTCTCTGCCGCGC 20

RESULT 1456
US-09-288-461-55/C

; Sequence 55, Application US/09288461

; Patent No. 6159694

; GENERAL INFORMATION:

; APPLICANT: Kariyas, James G.

; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3

; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patencin Ver. 2.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-55

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4799 TGAAGAGACGAAATCAG 4818
|||||
Db 20 TGGTGGAGAGACATCAG 1

RESULT 1457
US-09-484-345-69

; Sequence 69, Application US/09484345
; Patent No. 6159734

; GENERAL INFORMATION:

; APPLICANT: Robert McKay

; APPLICANT: Alexander H. Borchers

; APPLICANT: Brenda F. Baker

; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO

; FILE REFERENCE: RTS-0104

; CURRENT APPLICATION NUMBER: US/09/484,345

; FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 90

; SEQ ID NO 69

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-484-345-69

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5098 TTCTGGTTATTAGAGAA 5117
|||||
Db 1 TTCTGGTCATATAGAGAA 20

RESULT 1458
US-09-484-345-70

; Sequence 70, Application US/09484345
; Patent No. 6159734

; GENERAL INFORMATION:

; APPLICANT: Robert McKay

; APPLICANT: Alexander H. Borchers

; APPLICANT: Brenda F. Baker

; TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO

; FILE REFERENCE: RTS-0104

; CURRENT APPLICATION NUMBER: US/09/484,345

; FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 90

; SEQ ID NO 70

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-484-345-70

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5096 GCTTCCTGGTGTATTAGAG 5115
DB 1 GCTTCGCTCATAGAG 20

RESULT 1459
US-09-433-699-25/c
; Sequence 25, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-25

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2059 CACTGCGAAGAGGAGCC 2078
DB 20 CACTGCGAAGAGGAGCC 1

RESULT 1460
US-09-513-729B-56
; Sequence 56, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-56

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 56 TGGCCACCCATGCTGCTA 75
DB 1 TGGCCACCCATGCTGCTA 20

RESULT 1461
US-09-359-756-11
; Sequence 11, Application US/09359756
; Patent No. 6168950
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEX1 EXPRESSION
; FILE REFERENCE: RTS-0077
; CURRENT APPLICATION NUMBER: US/09/359,756
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-756-11

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 739 TCACCAAGCTGACCACTC 758
DB 1 TCACCAAGCTGACCACTC 20

RESULT 1462
US-09-128-496-13/c
; Sequence 13, Application US/09128496
; Patent No. 6169079
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/128,496
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488

```
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 20
/   TYPE: Nucleic Acid
/   STRANDEDNESS: Single
/   TOPOLOGY: Linear
/   ANTI-SENSE: Yes
US-09-128-496-13

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3161 CACGAGCCAGACCCCATGA 3180
Db      20  CACAGCCAGGCTCCCTGA 1

RESULT 1463
US-09-435-296-71
/ Sequence 71, Application US/09435296
/ Patent No. 6171860
/ GENERAL INFORMATION:
/   APPLICANT: Brenda F. Baker
/   TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
/   FILE REFERENCE: RTS-0116
/   CURRENT APPLICATION NUMBER: US/09/435,296
/   CURRENT FILING DATE: 1999-11-05
/   NUMBER OF SEQ ID NOS: 89
/   SEQ ID NO 71
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Artificial Sequence
/   FEATURE:
/     OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-71

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4866 GCCAAGCCTGTGCCAGTT 4885
Db      1  GCCTGGCCAGAGCCAGTT 20

RESULT 1464
US-09-428-219-58/C
/ Sequence 58, Application US/09428219
/ Patent No. 6177273
/ GENERAL INFORMATION:
/   APPLICANT: C. Frank Bennett
/   TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
/   FILE REFERENCE: RTS-0101
/   CURRENT APPLICATION NUMBER: US/09/428,219
/   CURRENT FILING DATE: 1999-10-27
/   NUMBER OF SEQ ID NOS: 89
/   SEQ ID NO 58
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Artificial Sequence
/   FEATURE:
/     OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-219-58

Query Match
Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3800 CGCGGGGACAGAGCCAG 3819
Db      1  CGCGGGGACAGAGCCAG 1
```

```
Db      20  CGTCGTGACGAGCCAGG 1

RESULT 1465
US-08-836-252A-13
/ Sequence 13, Application US/08836252A
/ Patent No. 6177556
/ GENERAL INFORMATION:
/   APPLICANT: Sharkey, Andrew M.
/   APPLICANT: Smith, Stephen K.
/   APPLICANT: Dellow, Kimberley A.
/   TITLE OF INVENTION: HUMAN SCF, A SPLICE VARIANT THEREOF, ITS
/   TITLE OF INVENTION: PHARMACEUTICAL USE
/   NUMBER OF SEQUENCES: 18
/   CORRESPONDENCE ADDRESS:
/     ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
/     STREET: 1100 NEW YORK AVENUE, N.W. SUITE 600
/     CITY: WASHINGTON
/     STATE: D.C.
/     COUNTRY: USA
/     ZIP: 20005
/   COMPUTER READABLE FORM:
/     MEDIUM TYPE: Floppy disk
/     COMPUTER: IBM PC compatible
/     OPERATING SYSTEM: PC-DOS/MS-DOS
/     SOFTWARE: Patentin Release #1.0, Version #1.30
/   CURRENT APPLICATION DATA:
/     APPLICATION NUMBER: US/08/836,252A
/     FILING DATE: 31-JULY-1997
/     CLASSIFICATION: 536
/     PRIOR APPLICATION DATA:
/       APPLICATION NUMBER: WO PCT/GB95/02547
/       FILING DATE: 31-OCT-1995
/       CLASSIFICATION: 536
/     PRIOR APPLICATION DATA:
/       APPLICATION NUMBER: GB 9422293.2
/       FILING DATE: 04-NOV-1994
/     APPLICATION DATA:
/       APPLICATION NUMBER: GB 9508618.7
/       FILING DATE: 28-APR-1995
/     ATTORNEY/AGENT INFORMATION:
/       NAME: ROBERT W. BESMOND
/       REGISTRATION NUMBER: 32,893
/       REFERENCE/DOCKET NUMBER: 0623.0550000
/       TELECOMMUNICATION INFORMATION:
/         TELEPHONE: (202) 371-2600
/         TELEFAX: (202) 371-2540
/     INFORMATION FOR SEQ ID NO: 13:
/       SEQUENCE CHARACTERISTICS:
/         LENGTH: 20 base pairs
/         TYPE: nucleic acid
/         STRANDEDNESS: single
/         TOPOLOGY: linear
/       MOLECULE TYPE: cDNA
US-08-836-252A-13

Query Match
Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3443 AACAGCAACGGGGGTCTCC 3462
Db      1  AACAGCTAACGGAGTCCGC 20

RESULT 1466
US-09-179-558-30/C
/ Sequence 30, Application US/09179558
/ Patent No. 6180612
/ GENERAL INFORMATION:
/   APPLICANT: Hockensmith, Joel W.
/   APPLICANT: Muthuswami, Rohini
/   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
```

TITLE OF INVENTION: TARGETING DNA METABOLIC PROCESSES USING
TITLE OF INVENTION: AMINOGLYCOSIDE DERIVATIVES
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,558
FILING DATE: 27-OCT-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. 09/060,470
FILING DATE: 15-APR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-09-179-558-30

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3315 GACGAGCAGCCGACGCTG 3334
DB 20 GAAAGATGCCGACGCTG 1

RESULT 1467
US-09-280-805-28/c
Sequence 28, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-09-280-805-28

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4386 CAGCGCGATTGAGGGTGG 4405
DB 20 CAGTGGCGATTGAGGGTGG 1

RESULT 1468
US-09-280-805-242
Sequence 242, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 242:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: single

```
/
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
US-09-280-805-242

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5001 CTCCTCAGCCTGAGTCCAG 5020
Db 1 CACTCCAGCCTGGTACAG 20

RESULT 1469
US-09-488-671-99
; Sequence 99, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF PERK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-99

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4578 TGTGTGTTGGAGGGGTGA 4597
Db 1 TGTATTTTGGAGAGGTGA 20

RESULT 1470
US-09-517-584A-74/c
; Sequence 74, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-74

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 232 GCAGGGTGATGGAGCGTG 251
Db 20 GCTGGGCGTGTAGACGGTG 1
```

```
RESULT 1471
US-08-738-652-8
; Sequence 8, Application US/08738652B
; Patent No. 6207646
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
; FILE REFERENCE: C1039/7004 HCL
; CURRENT APPLICATION NUMBER: US/08/738,652B
; CURRENT FILING DATE: 1996-10-30
; EARLIER APPLICATION NUMBER: US 08/276,358
; EARLIER FILING DATE: 1994-07-15
; EARLIER APPLICATION NUMBER: US 08/386,063
; EARLIER FILING DATE: 1995-02-07
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-08-738-652-8

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGAGCTTCTGAGTCT 20

RESULT 1472
US-09-030-701-58
; Sequence 58, Application US/09030701B
; Patent No. 6214806
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
; TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF
; FILE REFERENCE: C1039/7011
; CURRENT APPLICATION NUMBER: US/09/030,701B
; CURRENT FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 1997-02-28
; PRIOR FILING DATE: 1997-02-28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: eynthetic oligonucleotide
US-09-030-701-58

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGAGCTTCTGAGTCT 20

RESULT 1473
US-09-286-098-103
; Sequence 103, Application US/09286098
; Patent No. 6218371
; GENERAL INFORMATION:
```

APPLICANT: Krieger, Arthur M.
APPLICANT: Weiner, George
TITLE OF INVENTION: Methods and Products for Stimulating the
TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and
FILE REFERENCE: C1039/7026/HCL
CURRENT APPLICATION NUMBER: US/09/286,098
CURRENT FILING DATE: 1999-04-02
EARLIER APPLICATION NUMBER: US 60/080,729
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-286-098-103

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGAGCTTCTGAGTCT 20

RESULT 1474
US-08-855-910-51/C
Sequence 51, Application US/08855910
Patent No. 6221640
GENERAL INFORMATION:
APPLICANT: Tao, Jianhui
APPLICANT: Sassanfar, Mandana
APPLICANT: Gallant, Paul L.
APPLICANT: Shen, Xiaoyu
APPLICANT: Avruch, Anthony S.
APPLICANT: Yu, Russell V.
TITLE OF INVENTION: ENTEROCOCAL AMINOACYL-tRNA SYNTHETASE
TITLE OF INVENTION: PROTEINS, NUCLEIC ACIDS AND STRAINS COMPRISING SAME
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Millita Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-POS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/855,910
FILING DATE: 14-MAY-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David B.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CP195-08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-855-910-51

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4996 CCGTCTCCAGCCCTGAGCT 5015
DB 20 CCATGCTGCGGCTTGAT 1

RESULT 1475
US-09-063-667-13/C
Sequence 13, Application US/09063667C
Patent No. 6225291
GENERAL INFORMATION:
APPLICANT: LEWIN, ALFRED S.
APPLICANT: HAUSWIRTH, WILLIAM W.
APPLICANT: DRENSER, KIMBERLY
TITLE OF INVENTION: MATERIALS AND METHODS FOR RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 4300.011500
CURRENT APPLICATION NUMBER: US/09/063,667C
CURRENT FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: 60/046,147
EARLIER FILING DATE: 1997-05-09
EARLIER APPLICATION NUMBER: 60/044,492
EARLIER FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-063-667-13

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3543 ACGAGCCCGAGATGTTGA 3562
DB 20 ACCACGCCCGATGTGGA 1

RESULT 1476
US-09-313-932-315/C
Sequence 315, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 315
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-315

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Pred. No. 1.3e+03;

Matches	16;	Conservative	0;	Mismatches	4;	Indels	0;	Gaps	0
Qy	2739	TCCGAGACCAATTCTACCT	2758						
Db	20	TACCGAGACCAAGGTACCT	1						

```

RESULT 1477
US-09-313-932-425/c
Sequence 425 Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 425
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-425

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Query Match	0.3%	Score 13.6	DB 1	Length 20
Best Local Similarity	80.0%	Pred. No. 1.3e+03		
Matches	16	Conservative	0	Mismatches 4
				Indels 0
				Gaps 0
OY	1972	TCGCGATCGTGTGCTGGCC	1991	
Db	20	TCGCGAGCTGGAAGCTGGCC	1	

RESULT 1478
 US-08-800-215C-7
 Sequence 7, Application US/08800215C
 Patent No. 6238915
 GENERAL INFORMATION:
 APPLICANT: CHIHARA, Kazuo
 TITLE OF INVENTION: MUTANT HUMAN GROWTH HORMONES AND THEIR
 TITLE OF INVENTION: US85
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: JACOBSON, PRICE, HOLMAN & STERN
 STREET: The Jentler Building, 400 Seventh St. N.W.
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/800,215C
 FILING DATE: 12-FEB-1997
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP JP/50940/96
 FILING DATE: 18-JUN-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP JP/178643/96
 FILING DATE: 18-JUN-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Player, William E.
 REGISTRATION NUMBER: 31,409

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? REFERENCE/DOCKET NUMBER: 10890/PE0840US
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 202-638-6666
? TELEFAX: 202-393-5350
? INFORMATION FOR SEQ ID NO: 7:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 20 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA
? JS-08-800-215C-7

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Query Match	0.3%	Score 13.6;	DB 1;	length 20;
Best Local Similarity	80.0%;	Pred. No. 1.3e+03;		
Matches 16; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

RESULT 1479
US-09-048-810-28/c
Sequence 28, Application US/09048810
Patent No. 6238921
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P, Monica
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/048,810
FILING DATE: herewith
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-048-810-28

Query Match	0.3%	Score 13.6	DB 1	Length 20
Best Local Similarity	80.0%	Pred. No. 1.3e+03		
Matches	16	Conservative	0	Mismatches 4
				Indels 0
				Gaps 0
Oy	4386	CAGCGCGATTGAGGCTGG	4405	
db	20	CAGTGGCGATTGAGGGTAG	1	

RESULT 1480
US-08-960-774-8
Sequence 8, Application US/08960774
Patent No. 623916
GENERAL INFORMATION:
APPLICANT: Kriegl et al.,
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,774
FILING DATE: 30-October-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. Serial No. 6239116 08/738,652
FILING DATE: October 30, 1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 08918/012001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-960-774-8

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCAGGAGGCTCTGAGTCT 1376
DB 1 TCCATGAGCTTCTGAGTCT 20

RESULT 1481
US-09-021-701-1040
Sequence 1040, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenestarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1040:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1040

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 615 TCCATCTCCCGGACATACGC 634
DB 1 TCCATCTCTCTGGCAACATC 20

RESULT 1482
US-09-183-846A-9
Sequence 9, Application US/09183846A
Patent No. 6255046
GENERAL INFORMATION:
APPLICANT: Richard J. Bucala et al.,
TITLE OF INVENTION: Inducible Phosphofructokinase and the Warberg Effect
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVIS WRIGHT TREMAINE
STREET: 1501 Fourth Avenue, 2600 Century Square
CITY: Seattle
STATE: Washington
COUNTRY: U.S.A.
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/183,846A
FILING DATE: 10/30/98
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Oster, Jeffrey B.
REGISTRATION NUMBER: 32,585
REFERENCE/DOCKET NUMBER: 0902
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206 628 7711
TELEFAX: 206 628 7699
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown

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/ MOLECULE TYPE: PCR primer
US-09-183-846A-9

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 998 ATTGTCGACGACTGCAAA 1017
Db 1 ATTGTCGACGACTGCAAA 20

RESULT 1483
US-09-487-445-76
Sequence 76, Application US/09487445
Patent No. 6258600
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-76

Query Match
Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4192 TTTGGTTTTCAGAAAGG 4211
Db 1 TTTGGTTTTCAGAAAGG 20

RESULT 1484
US-09-487-445-129/c
Sequence 129, Application US/09487445
Patent No. 6258600
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 129
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-129

Query Match
Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1684 AGAACAAGCACTCAGGAG 1703
Db 20 AGATCAAGCAGACAGAGAG 1

RESULT 1485
US-09-487-368A-42
Sequence 42, Application US/09487368A
```

```
/ Patent No. 6261840
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: RTS-0093
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 240
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-42

Query Match
Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4965 GTGAAGAGCTCTTGCTGT 4984
Db 1 GAAGAAGGCTCTTCTCTT 20

RESULT 1486
US-09-487-368A-163/c
Sequence 163, Application US/09487368A
Patent No. 6261840
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: RTS-0093
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 240
SEQ ID NO 163
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-163

Query Match
Best Local Similarity 80.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5009 CCTGCTGCAGGAGGAGTG 5028
Db 20 CCTGCTGATCGAGGAGTG 1

RESULT 1487
US-09-428-583-24/c
Sequence 24, Application US/09428583
Patent No. 6271029
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
```

US-09-428-583-24

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2827 AGGGGAGCTGTGTGTGAG 2846
DB 20 AGCAGAGCTGTGTGTGAG 1

RESULT 1488

US-09-593-711A-142/c
; Sequence 142, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-142

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 900 ATCCGCTGACTGCCAGCTC 919
DB 20 AACCCGGGAGCTGCAGCGC 1

RESULT 1489

US-09-593-711A-157/c
; Sequence 157, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-157

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3916 CCGGAGCGCGCGCGCGCG 3935
DB 20 CGCCAGGCGCGCGCGCGC 1

RESULT 1490
US-09-593-711A-189/c

; Sequence 189, Application US/09593711A

; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-189

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3737 GCAGTGGCGCGCGCGCGC 3756
DB 20 GCAGTGGCGCGCGCGCTGC 1

RESULT 1491

US-09-214-278-20/c
; Sequence 20, Application US/09214278
; Patent No. 6291210
; GENERAL INFORMATION:
; APPLICANT: Sakano, Seiji
; APPLICANT: Itoh, Akira
; TITLE OF INVENTION: DIFFERENTIATION-SUPPRESSIVE POLYPEPTIDE
; FILE REFERENCE: KP-8576
; CURRENT APPLICATION NUMBER: US/09/214,278
; CURRENT FILING DATE: 1999-01-26
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-214-278-20

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2901 CTGACGACGACGCTCTCAT 2920
DB 20 CTGATCAGCAGCTCTCAT 1

RESULT 1492

US-09-467-642-24/c
; Sequence 24, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF TETRAERIC REPEAT BINDING FACTOR 2 EXPRE
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-24

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1408 CCTTGAGGTGAAGCAGAG 1427
      ||||| ||||| |||||
Db      20 CCTTGATATGAGGCTGAG 1

RESULT 1493
US-09-467-642-32/c
/ Sequence 32, Application US/09467642
/ Patent No. 6300132
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
/ FILE REFERENCE: RTS-0106
/ CURRENT APPLICATION NUMBER: US/09/467,642
/ FILING DATE: 1999-12-20
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 32
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-32

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2180 GAACATTCTCCGTTCTCG 2199
      ||||| ||||| |||||
Db      20 GAAGATGCTGCGCTTCTCG 1

RESULT 1494
US-09-467-642-52
/ Sequence 52, Application US/09467642
/ Patent No. 6300132
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
/ FILE REFERENCE: RTS-0106
/ CURRENT APPLICATION NUMBER: US/09/467,642
/ FILING DATE: 1999-12-20
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 52
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-52

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5050 TGAATATGTCAGCCCTTTC 5069
      ||||| ||||| |||||
Db      1 TGAACAGTTTATCTCTCTTC 20

RESULT 1495
```

```
US-09-009-490A-13/c
/ Sequence 13, Application US/09009490A
/ Patent No. 6300491
/ GENERAL INFORMATION:
/ APPLICANT: Bennett and Mirabelli
/ TITLE OF INVENTION: Oligonucleotide Modulation
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Law Office of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/009,490A
/ FILING DATE: January 20, 1998
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 440,740
/ FILING DATE: May 12, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 063,167
/ FILING DATE: May 17, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 969,151
/ FILING DATE: February 10, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 007,997
/ FILING DATE: January 20, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 939,855
/ FILING DATE: September 2, 1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 567,286
/ FILING DATE: August 14, 1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0268
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 810-1515
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
US-09-009-490A-13

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3161 CACGAGCCAGCAGCCCATGA 3180
      ||||| ||||| |||||
Db      20 CACAAGCCAGCGCTCTCTGA 1

RESULT 1496
US-09-593-589-37
/ Sequence 37, Application US/09593589
/ Patent No. 630655
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
```

APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
FILE REFERENCE: RTS-0119
CURRENT APPLICATION NUMBER: US/09/593,589
CURRENT FILING DATE: 2000-06-13
NUMBER OF SEQ ID NOS: 94
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-589-37

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5005 CCAGCTGCTGCGCAGGAG 5024
Db 1 CCAGCTGCTGCGCAGGAG 20

RESULT 1497
US-08-829-637A-113/C
Sequence 113, Application US/08829637A
Patent No. 6339066
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Phillip Dan Cook
APPLICANT: Nicholas Dean
APPLICANT: Glenn Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
TITLE OF INVENTION: PHOSPHOTRIOMATE LINKAGES OF HIGH CHIRAL PURITY AND
TITLE OF INVENTION: WHICH MODULATE a1, a11, 'k, n, AND ISOFORMS OF
TITLE OF INVENTION: PROTEIN KINASE C
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28, 937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,637A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-113

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGACGATGAGAA 1687
Db 20 CTCCTGACGATGAGAA 1

RESULT 1498
US-08-919-573-6
Sequence 6, Application US/08919573
Patent No. 6346392
GENERAL INFORMATION:
APPLICANT: Burnham, Martin, Karl Ruseel
TITLE OF INVENTION: NOVEL GLUTAMINE TRANSPORT
TITLE OF INVENTION: ATP-BINDING PROTEIN
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
STATE: NJ
COUNTRY: USA
ZIP: 08543
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/919,573
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bloom, Allen

```

;
; REGISTRATION NUMBER: 29,135
; REFERENCE/DOCKET NUMBER: P50597
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-520-3214
; TELEFAX: 609-520-3259
;
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-919-573-6
;
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      792 GTGACCCATCTGCATATACC 811
Db      1 GTGTCCCATCTTCAACACCC 20

RESULT 1499
US-09-556-031-12/c
; Sequence 12, Application US/09556031
; Patent No. 6350868
; GENERAL INFORMATION:
; APPLICANT: Weston, Brent W.
; APPLICANT: Hiller, Kara B.
; TITLE OF INVENTION: Antisense Fucosyltransferase Sequences and Methods of
; FILE REFERENCE: Use Thereof
; CURRENT APPLICATION NUMBER: US/09/556,031
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/131,068
; PRIOR FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:antisense
;
US-09-556-031-12
;
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4612 CAGTGCCTCTCGAGACTGAG 4631
Db      20 CACTGCCCTGCAGAGTGGG 1

RESULT 1500
US-09-596-938-13/c
; Sequence 13, Application US/09596938
; Patent No. 6355481
; GENERAL INFORMATION:
; APPLICANT: Li, Xiao-Jiang
; APPLICANT: Li, Shi-Hua
; TITLE OF INVENTION: Huntington Disease Cellular Model:
; FILE REFERENCE: Stably Transfected PC12 Cells Expressing Mutant Huntingtin
; CURRENT APPLICATION NUMBER: US/09/596,938
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 60/140,018
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
```

```

; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
;
US-09-596-938-13
;
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4922 CCACAGTTAGCCACACCCC 4941
Db      20 CCACAGTTGACCAATCCCC 1

RESULT 1501
US-09-662-250A-51
; Sequence 51, Application US/0962250A
; Patent No. 6368856
; GENERAL INFORMATION:
; APPLICANT: Bretz P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION
; FILE REFERENCE: RTS-0129
; CURRENT APPLICATION NUMBER: US/09/662,250A
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-662-250A-51
;
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2720 TCCACATTTGAGACCAAGT 2739
Db      1 TCCACATGAACTACCAAGT 20

RESULT 1502
US-09-638-509C-17
; Sequence 17, Application US/09638509C
; Patent No. 6372435
; GENERAL INFORMATION:
; APPLICANT: Kaslow, Richard A.
; APPLICANT: Tang, Jianming
; TITLE OF INVENTION: Methods of Surveying For CC (Beta) Chemokine
; TITLE OF INVENTION: Receptor Variants and Their Association With HIV-1
; FILE REFERENCE: D6217
; CURRENT APPLICATION NUMBER: US/09/638,509C
; CURRENT FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,530
; PRIOR FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 35
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: CCR5-SP4G, primer used for typing major
; OTHER INFORMATION: polymorphism in CCR2b, CCR5 and the CCR5 downstream
; OTHER INFORMATION: promoter region
;
US-09-638-509C-17
```

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1218 TTAATTGACCAAGAGCTCTC 1237
DB 1 TCATTACACCTGGAGCTCTC 20

RESULT 1503
US-09-702-251-38
; Sequence 38, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; FILE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0139
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-38

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 464 TGGGTCTGGGGTGCCTGC 483
DB 1 TGGTTCAGTAGAGTGCTGC 20

RESULT 1504
US-09-732-199A-56/c
; Sequence 56, Application US/09732199A
; Patent No. 6379960
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Uscqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
; FILE REFERENCE: RTS-0214
; CURRENT APPLICATION NUMBER: US/09/732,199A
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-56

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1430 TCTGGGAGTCTCTAGAAA 1449
DB 20 TCGGGGAAATTCAGCAGAAA 1

RESULT 1505
US-09-702-246-68
; Sequence 68, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.

APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
FILE REFERENCE: RTS-0195
CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-68

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2065 GGAACAAGGAGCGCTGGCG 2084
DB 1 GGATCAGAGAGCGCTGGCG 20

RESULT 1506
US-09-446-821A-9/c
; Sequence 9, Application US/09446821A
; Patent No. 6391639
; GENERAL INFORMATION:
; APPLICANT: Schenk, Peer M.P.
; APPLICANT: Sagi, Laszlo
; APPLICANT: Remy, Serge
; APPLICANT: Swennen, Rony Leon
; APPLICANT: Dietzgen, Ralf G.
; APPLICANT: Geering, Andrew D.W.
; APPLICANT: McMichael, Lee Anne
; APPLICANT: Thomas, John E.
; APPLICANT: Grof, Christopher P.
; APPLICANT: Elliott, Adrian R.
; TITLE OF INVENTION: PLANT AND VIRAL PROMOTERS
; FILE REFERENCE: CULIN27.001APC
; CURRENT APPLICATION NUMBER: US/09/446,821A
; CURRENT FILING DATE: 2000-04-17
; PRIOR APPLICATION NUMBER: PCT/AU98/00493
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: AU P07593
; PRIOR FILING DATE: 1997-06-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer
US-09-446-821A-9

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4740 CCGGTTCCGCAATGCTAGG 4759
DB 20 CCGGTTCCGCAATGCTAGG 1

RESULT 1507
US-09-167-109-53/c
; Sequence 53, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.

APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-167-109-53

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 205 GCTGCGAGAGAGCCGCGC 224
Db 20 GCTGCCAGAGAGCGCGCTGC 1

RESULT 1508
US-09-798-096-15
Sequence 15, Application US/09798096
Patent No. 6393378
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL2 EXPRESSION
FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-15

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 601 TCGGTCCAGCAGATCCATC 620
Db 1 TCGGTCCATCAAGCCACG 20

RESULT 1509
US-09-798-096-56/c
Sequence 56, Application US/09798096
Patent No. 6393378
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL2 EXPRESSION
FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-56

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 80 ATGCTTCTCAGAGAGTGGC 99
Db 20 ATGCTTCCAGAGAGTTC 1

RESULT 1510
US-09-798-096-79
Sequence 79, Application US/09798096
Patent No. 6393378
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL2 EXPRESSION
FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-79

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1650 AGAGAAGCTTCTGCAGCT 1669
Db 1 AGATTAAGATTCTGCAGCT 20

RESULT 1511
US-08-949-344C-44
Sequence 44, Application US/08949344C
Patent No. 6406846
GENERAL INFORMATION:
APPLICANT: WHITCOMB, DC
TITLE OF INVENTION: A METHOD FOR DETERMINING WHETHER A HUMAN
TITLE OF INVENTION: PATENT IS SUSCEPTIBLE TO HEREDITARY PANCREATITIS AND PRIMERS
TITLE OF INVENTION: THEREFORE
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANSEL M SCHWARTZ, ATTORNEY AT LAW
STREET: 425 NORTH CRAIG STREET, SUITE 301
CITY: PITTSBURGH
STATE: PENNSYLVANIA
COUNTRY: USA
ZIP: 15213
COMPUTER READABLE FORM:
MEDIUM TYPE: MACINTOSH 2.5 INCH FLOPPY DISC
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: TEXT WITH LINE TERMINATION
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/949,344C
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (412) 621-9222
TELEFAX: (412) 621-8640
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 BASES
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE STRANDED
TOPOLOGY: LINEAR
MOLECULE TYPE: GENOMIC DNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
FRAGMENT TYPE: NA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
DEVELOPMENTAL STAGE: GERM-LINE
HAPLOTYPE: N/A
TISSUE TYPE: BLOOD
CELL TYPE: LEUKOCYTES
CELL LINE: N/A
ORGANELLE: NUCLEUS
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 7q35
MAP POSITION: 157 CM FROM THE TOP OF CHROMOSOME 7
UNITS: centimorgans
FEATURE:
NAME/KEY: TRYPSINOGEN GENE 1 (TRY4), TRYPSINOGEN GENE 2 (TRY8)
LOCATION: GENBANK LOCUS U66061
IDENTIFICATION METHOD: Comparison of DNA sequences and/or restriction
IDENTIFICATION METHOD: Enzyme digestion patterns of experimentally determined fr
IDENTIFICATION METHOD: reaction of genomic DNA from patients with hereditary pan
IDENTIFICATION METHOD: sequence in Genbank locus U66061.
OTHER INFORMATION: Mutations in trypsinogen are associated with a
OTHER INFORMATION: phenotype of recurrent acute pancreatitis, chronic pancreatit
OTHER INFORMATION: increased risk for pancreatic cancer.
PUBLICATION INFORMATION:
AUTHORS: Whitcomb DC, Gorry MC, Preston RA, Furey W, Sossenheimer MJ,
AUTHORS: Ulrich CD, Martin SP, Gates Jr LK, Amann ST, Toskes, PP, LIDDLE R, MGR
AUTHORS: UOMO G, POST JC, EHRLICH GD
TITLE: Hereditary pancreatitis is caused by a mutation in the cationic
TITLE: trypsinogen gene
JOURNAL: Nature Genetics
VOLUME: 14
ISSUE: 2
PAGES: 141-5
DATE: 15-10-96
DOCUMENT NUMBER: NA
FILING DATE:
PUBLICATION DATE: 15-10-96
RELEVANT RESIDUES IN SEQ ID NO: NA
AUTHORS: Gorry MC, Gabbaiadeh D, Furey W, Gates Jr LK, Preston RA,
AUTHORS: Aston CE, Zhang Y, Ulrich C, Ehrlich GD, Whitcomb DC
TITLE: Multiple Mutations in the Cationic Trypsinogen Gene are
TITLE: Associated with Hereditary Pancreatitis
JOURNAL: Gastroenterology
VOLUME: 113
ISSUE: 4
PAGES: 1063-1068
DATE: 15-10-96
DOCUMENT NUMBER: NA
FILING DATE:
PUBLICATION DATE: OCTOBER 1997
RELEVANT RESIDUES IN SEQ ID NO: NA
AUTHORS: Rowen, L, Koop BF, Hood L,
TITLE: The complete 685-kilobase DNA sequence of the human beta 1 cell
TITLE: receptor locus
JOURNAL: Science
VOLUME: 272
ISSUE: 5269
PAGES: 1755-1762
DATE: 6 21 96
DOCUMENT NUMBER: MEDLINE 96256474
FILING DATE:

PUBLICATION DATE: June 21, 1996
RELEVANT RESIDUES IN SEQ ID NO: From 172600 to 176300 (in Genbank
RELEVANT RESIDUES IN SEQ ID NO: Sequence)
US-08-949-344C-44
Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1200 CTGAGCTCTCTGAGAGGTT 1219
DB 1 CTGAGGCTCTGCTATGTT 20
RESULT 1512
US-08-981-527A-3/C
Sequence 3, Application US/08981527A
Patent No. 6410262
GENERAL INFORMATION:
APPLICANT: Quax, Wilhelmus J.
APPLICANT: Ketman, Richard
APPLICANT: Broekhuizen, Cornelie P.
TITLE OF INVENTION: No. 6410262e1 Secretion Factors for
TITLE OF INVENTION: Gram-Positive Microorganisms Genes Encoding Them and Methods
FILE REFERENCE: GCX322-US
CURRENT APPLICATION NUMBER: US/08/981,527A
CURRENT FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: PCT/NL96/00278
PRIOR FILING DATE: 1996-07-05
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: degenerate primer based on Bacillus subtilis
OTHER INFORMATION: sequence
US-08-981-527A-3
Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 10; Conservative 8; Mismatches 2; Indels 0; Gaps 0;
QY 3395 GACACCTCCGCGCCAGCCG 3414
DB 20 GAAVMTWYCGXSCRSYGC 1
RESULT 1513
US-08-098-942C-17/C
Sequence 17, Application US/08098942C
Patent No. 6410322
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Antisense Oligonucleotides That
TITLE OF INVENTION: Inhibit VEGF Expression
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: Michael S. Greenfield
STREET: 10 S. Wacker Drive Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/098,942C

FILING DATE: July 27, 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 93,538
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)715-1000
TELEFAX: (312)715-1234
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHEICAL: YES
ANTI-SENSE: YES
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..20
OTHER INFORMATION: /note="phosphorothioate"
OTHER INFORMATION: internucleotide linkages"
US-08-098-942C-17

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 516 GTCCCTGCTGGACCATGG 535
DB 20 GTCCGAGCTGCACCATGG 1

RESULT 1514
US-09-844-634-128/C
Sequence 128, Application US/09844634
Patent No. 6410324
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
FILE REFERENCE: R15-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 128
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-128

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1677 CAGATGAGACACGACATC 1696
DB 20 CAGAGAAAAGAGACCTTC 1

RESULT 1515
US-08-961-578C-9
Sequence 9, Application US/08961578C
Patent No. 6413939
GENERAL INFORMATION:
APPLICANT: Bucala, Richard J. et al.
TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
STREET: 350 Community Drive

CITY: Manhasset
STATE: New York
COUNTRY: U.S.A.
ZIP: 11030
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,578C
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oatley, Jeffrey B.
REGISTRATION NUMBER: 32,585
REFERENCE/DOCKET NUMBER: 0901
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516 562 9404
TELEFAX: 516 365 7919
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: PCR primer
US-08-961-578C-9

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 998 ATTGTCCAGCGACTGCAA 1017
DB 1 ATTGTCTGGCACTGCAA 20

RESULT 1516
US-09-724-426-26/C
Sequence 26, Application US/09724426
Patent No. 6414134
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of BCL-2 Gene Expression
FILE REFERENCE: 10412-024
CURRENT APPLICATION NUMBER: US/09/724,426
CURRENT FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-724-426-26

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3742 TGCCCGCGCCCGCGCTCGC 3761
DB 20 TGCCCGCGCCCGCGCGCGC 1

RESULT 1517
US-09-724-426-27
Sequence 27, Application US/09724426
Patent No. 6414134
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of BCL-2 Gene Expression
FILE REFERENCE: 10412-024

;; CURRENT APPLICATION NUMBER: US/09/724,426
;; CURRENT FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 29
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 27
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-724-426-27

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3786 GAGGCGAGGCGCGCGCGG 3805
DB 1 GGGCGGAGGCGCGCGCGCGG 20

RESULT 1518
US-09-742-703-24/c
;; Sequence 24, Application US/09742703
;; Patent No. 6423543
;; GENERAL INFORMATION:
;; APPLICANT: Patrick Allen Marcotte
;; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPESIN EXPRESSION
;; FILE REFERENCE: RTS-0090
;; CURRENT APPLICATION NUMBER: US/09/742,703
;; CURRENT FILING DATE: 2000-12-20
;; NUMBER OF SEQ ID NOS: 49
;; SEQ ID NO 24
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-24

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 755 GCTCATCGACTTTACAGA 774
DB 20 GCTCATCGCTTTGACAGA 1

RESULT 1519
US-09-920-663-16
;; Sequence 16, Application US/09920663
;; Patent No. 6426221
;; GENERAL INFORMATION:
;; APPLICANT: Donna T. Ward
;; TITLE OF INVENTION: ANTISENSE MODULATION OF R1P2 EXPRESSION
;; FILE REFERENCE: RTS-0233
;; CURRENT APPLICATION NUMBER: US/09/920,663
;; CURRENT FILING DATE: 2001-08-01
;; NUMBER OF SEQ ID NOS: 49
;; SEQ ID NO 16
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-16

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2189 CCGGTTCTGCGCCTGGCGG 2208

DB 1 CCGGTTCTGCGCCTGGCGG 20

RESULT 1520
US-09-439-261-55
;; Sequence 55, Application US/09439261
;; Patent No. 6428990
;; GENERAL INFORMATION:
;; APPLICANT: Abbott Laboratories
;; APPLICANT: Mukerji, Pardeep
;; APPLICANT: Leonard, Amanda E.
;; APPLICANT: Huang, Yung-Sheng
;; TITLE OF INVENTION: HUMAN DESATURASE GENE AND USES THEREOF
;; FILE REFERENCE: 6295-US-P2
;; CURRENT APPLICATION NUMBER: US/09/439,261
;; CURRENT FILING DATE: 1999-11-12
;; PRIOR APPLICATION NUMBER: US 08/833,610
;; PRIOR FILING DATE: 1997-04-11
;; PRIOR APPLICATION NUMBER: PCT/US98/07422
;; PRIOR FILING DATE: 1998-04-10
;; PRIOR APPLICATION NUMBER: US 09/227,613
;; PRIOR FILING DATE: 1999-01-08
;; NUMBER OF SEQ ID NOS: 60
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 55
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer R0527
US-09-439-261-55

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4092 GCTGCCACTGACTCGGAGC 4111
DB 1 GCGGCCACCGGCTCGGCGG 20

RESULT 1521
US-09-191-170-98
;; Sequence 98, Application US/09191170
;; Patent No. 6429199
;; GENERAL INFORMATION:
;; APPLICANT: Kriegl, Arthur M.
;; TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
;; FILE REFERENCE: C1039/7017
;; CURRENT APPLICATION NUMBER: US/09/191,170
;; CURRENT FILING DATE: 1998-11-13
;; EARLIER APPLICATION NUMBER: US 08/960,774
;; EARLIER FILING DATE: 1997-10-30
;; EARLIER APPLICATION NUMBER: US 08/738,652
;; EARLIER FILING DATE: 1996-10-30
;; EARLIER APPLICATION NUMBER: US 08/386,063
;; EARLIER FILING DATE: 1995-02-07
;; EARLIER APPLICATION NUMBER: US 08/276,358
;; EARLIER FILING DATE: 1994-07-15
;; NUMBER OF SEQ ID NOS: 99
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 98
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: synthetic oligonucleotide
US-09-191-170-98

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCCTGAGTCT 1376

DB 1 TCCATGAGCTTCTGAGTCT 20

RESULT 1522

US-09-367-750-9/c

Sequence 9, Application US/09367750

Patent No. 6436639

GENERAL INFORMATION:

APPLICANT: Klefer, Michael C.

APPLICANT: Ossiefa, Natalya K.

TITLE OF INVENTION: Bak PROMOTER EXPRESSION SYSTEM

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: LXR BIOTECHNOLOGY INC.

STREET: 3095 Richmond Parkway, Suite 213

CITY: Richmond

STATE: CA

COUNTRY: USA

ZIP: 94806

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/367,750

FILING DATE: 07-DEC-1999

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Brown, Theresa A.

REGISTRATION NUMBER: 32,547

REFERENCE/DOCKET NUMBER: 4147-14-PUS

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 863-9700

TELEFAX: (303) 863-0223

INFORMATION FOR SEQ. ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-367-750-9

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 164 CCAAGTTCAGAGAGAGAG 203

DB 20 CCAAGTTCAGAGAGAGAG 1

RESULT 1523

US-09-792-594-48/c

Sequence 48, Application US/09792594

Patent No. 6436706

GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION

FILE REFERENCE: RTS-0209

CURRENT APPLICATION NUMBER: US/09/792,594

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 48

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-792-594-48

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2668 ACCGTCGCCGAGCTTGC 2687

DB 20 ACAGACGAGCAGCTTGAC 1

RESULT 1524

US-09-792-594-61/c

Sequence 61, Application US/09792594

Patent No. 6436706

GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION

FILE REFERENCE: RTS-0209

CURRENT APPLICATION NUMBER: US/09/792,594

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 61

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-792-594-61

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3283 TGCCTCGCAGCTGAAGCAG 3302

DB 20 TGCACCTGACCTGCACAG 1

RESULT 1525

US-09-792-594-81/c

Sequence 81, Application US/09792594

Patent No. 6436706

GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION

FILE REFERENCE: RTS-0209

CURRENT APPLICATION NUMBER: US/09/792,594

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-792-594-81

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2182 ACATTCTCGGTTCTGCGC 2201

DB 20 ACATCGCGCAGTTCTGTC 1

RESULT 1526

US-09-676-610B-64/c

```
; Sequence 64, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-64

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3621 GAATCCCCCAAAATGCCGCG 3640
DB      20 GAATCTCCCAAAATGCCCG 1

RESULT 1527
US-09-676-610B-144/c
; Sequence 144, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-144

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1138 AGAACTGACCACTGCTC 1157
DB      20 AGAACTGACCAAAATCATC 1

RESULT 1528
US-09-791-211-81
; Sequence 81, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-81

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2268 GATCTTAAGTACCGTGA 2287
DB      1 GATCTCAATGCGATGTGA 20

RESULT 1529
US-09-851-062-36/c
; Sequence 36, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-36

Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3228 ATCACTGAATCATCAACC 3247
DB      20 ATCAGGAGCATCATCAACC 1

RESULT 1530
US-08-469-260A-127/c
; Sequence 127, Application US/08469260A
; Patent No. 6451578
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMI J. PILOT-MATIAS
; APPLICANT: GEORGE J. DANSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEHROFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BUIK
; APPLICANT: ISA K. MOSHAMMAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/469,260A
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/424,550
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: POREBSKI, PRISCILLA E.
;; REGISTRATION NUMBER: 33,207
;; REFERENCE/DOCKET NUMBER: 5527.PC.01
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 708-937-6365
;; TELEFAX: 708-938-2623
;; INFORMATION FOR SEQ ID NO: 127:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-469-260A-127

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2838 GTGGTGAAGTTGGTGAGAC 2857
DB 20 GTGATCAAGTTGGCTGAGGC 1

RESULT 1531
US-09-517-467B-107/c
; Sequence 107, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-107

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4586 CGGAGGGGTGAAGCATTA 4605
DB 20 CGGCGAGGGCGAGGCACTTA 1

RESULT 1532
US-09-322-409-144/c
; Sequence 144, Application US/09322409
; Patent No. 6471957
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Drelitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC

;; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
;; FILE REFERENCE: IM-2-C1
;; CURRENT APPLICATION NUMBER: US/09/322,409
;; CURRENT FILING DATE: 1999-05-28
;; EARLIER APPLICATION NUMBER: 60/087,306
;; EARLIER FILING DATE: 1998-05-29
;; NUMBER OF SEQ ID NOS: 154
;; SOFTWARE: Patent In Ver. 2.0
;; SEQ ID NO 144
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-322-409-144

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3685 GCATGCTGCTACCAAGCC 3704
DB 20 GCATGCTGCTCAAGACC 1

RESULT 1533
US-09-918-686-60
; Sequence 60, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FaSTSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-60

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4480 GCTAAGTCTTACGACAT 4499
DB 1 GCAGAGTCTCTTAGAACAT 20

RESULT 1534
US-09-451-527-144/c
; Sequence 144, Application US/09451527
; Patent No. 6482403
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Drelitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; FILE REFERENCE: IM-2-C2
; CURRENT APPLICATION NUMBER: US/09/451,527
; CURRENT FILING DATE: 1999-12-01

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; EARLIER APPLICATION NUMBER: 09/322,409
; EARLIER FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: 60/087,306
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-451-527-144

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3685 GCATCGTCTCACCAGCC 3704
Db 20 GCACGTGCTCTCAAAAGCC 1

RESULT 1535
US-09-920-668-30
; Sequence 30, Application US/09920668
; Patent No. 6482644
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
; FILE REFERENCE: RTS-0246
; CURRENT APPLICATION NUMBER: US/09/920,668
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-920-668-30

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 AGCTCGCCGAGACTCTGA 1100
Db 1 AGCTGGCCCGAGATTGAA 20

RESULT 1536
US-09-920-668-39/C
; Sequence 39, Application US/09920668
; Patent No. 6482644
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
; FILE REFERENCE: RTS-0246
; CURRENT APPLICATION NUMBER: US/09/920,668
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-920-668-39
```

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Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 TGTCTCCACCCGAGTGTCCC 890
Db 20 TGTGGCGCCCGGCGTGTCCC 1

RESULT 1537
US-09-733-294A-33
; Sequence 33, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-733-294A-33

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2333 GCAGCAGTACGACGCTCC 2352
Db 1 GCAGCAGAGCGACGCGCTGC 20

RESULT 1538
US-09-733-294A-38
; Sequence 38, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-733-294A-38

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5 GGCATGCATCCACGCTGGG 24
Db 1 GCCAGGCTTCCACGCTGCG 20
```

RESULT 1539

US-09-629-644A-42
Sequence 42, Application US/09629644A
Patent No. 6602857
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-42

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4965 GTGAGAGAGCTTCTGCTT 4984

DB 1 GAAGAGAGGCTTCTCTCTT 20

RESULT 1540

US-09-629-644A-163/C
Sequence 163, Application US/09629644A
Patent No. 6602857
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 163
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-163

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5009 CCTGCTGCCAGGAGGCTG 5028

DB 20 CCGGCTGTGATGAGGCTG 1

RESULT 1541

US-09-658-688A-12
Sequence 12, Application US/09658688A
Patent No. 6498035
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
FILE REFERENCE: RTS-0143
CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-12

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 706 TTCAGGATCCGAGAGCGTC 725

DB 1 TCCAGGATCCGCTGACGTC 20

RESULT 1542

US-09-658-688A-44
Sequence 44, Application US/09658688A
Patent No. 6498035
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
FILE REFERENCE: RTS-0143
CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-44

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1222 TTGACGAGGCTCTCCCG 1241

DB 1 TGGCCGAGAGCTTCTCCCG 20

RESULT 1543

US-09-898-361-29/C
Sequence 29, Application US/09898361
Patent No. 6503152
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21


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; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-29

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4793 TTTGGTTGAAGGACGAGA 4812
Db      20 TTGGTTCGAAGGTCGCGGA 1

RESULT 1544
US-09-898-361-129
; Sequence 129, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-129

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4639 CTCGGCCTTAAGAGCTGAA 4658
Db      1 CTCGGCCTGACGAACTGCA 20

RESULT 1545
US-09-657-346A-83
; Sequence 83, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-83

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy      4689 AGCCTGTCTGTCCAGCTTC 4708
Db      1 AACCTTTCTCTCAGATGC 20

RESULT 1546
US-09-668-313A-233
; Sequence 233, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-233

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1478 GAACTGATCATTAAGAGT 1497
Db      1 GCACTGATCTTTACATGT 20

RESULT 1547
US-09-622-277-6
; Sequence 6, Application US/09622277
; Patent No. 6521407
; GENERAL INFORMATION:
; APPLICANT: Warentus, Hilmar Meek
; APPLICANT: Seabra, Laurence Anthony
; TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON
; FILE REFERENCE: 1417-168
; CURRENT APPLICATION NUMBER: US/09/622,277
; CURRENT FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: PCT/GB99/00500
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: GB 9803446.5
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR and DNA sequencing primer for exon 5 antisense
US-09-622-277-6

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```



```

; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1998-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9967
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-8530 for SEQ 2102, in complete
US-09-422-978-9967

Query Match
0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 230 TGGCAGGCTGTATGGACGG 249
Db 1 TGGCAAGTGCATTGGACGG 20

RESULT 1552
US-09-422-978-10195/c
; Sequence 10195, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-10474 for SEQ 2330, in complete
US-09-422-978-10195

Query Match
0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4475 GCTGTGCTAGTGTCTTACG 4494
Db 20 GTTGCTAGTGTCTTACG 1

RESULT 1553
US-09-507-242-7
; Sequence 7, Application US/09507242
; Patent No. 6537753
; GENERAL INFORMATION:
; APPLICANT: HANES, Steven D.
; APPLICANT: DEVASHAYAM, Gina
; APPLICANT: CHATURVEDI, Vishnu
; TITLE OF INVENTION: CAESSI: A CANDIDA ALBICANS GENE, METHODS FOR MAKING AND
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; TITLE OF INVENTION: USING, AND TARGETING IT OR ITS EXPRESSION PRODUCTS FOR
; TITLE OF INVENTION: ANTIFUNGAL APPLICATIONS
; FILE REFERENCE: 454311-2200.1
; CURRENT APPLICATION NUMBER: US/09/507,242
; CURRENT FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: 60/121,246
; PRIOR FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-09-507-242-7

Query Match
0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4332 GGTACTTGGAGCCCGAGTGC 4351
Db 1 GGGAGTGGAGCCCGAGGCG 20

RESULT 1554
US-09-358-856C-16
; Sequence 16, Application US/09358856C
; Patent No. 6537777
; GENERAL INFORMATION:
; APPLICANT: GELLERFORS, Par
; APPLICANT: FOGH, Jens
; TITLE OF INVENTION: NEW THERAPEUTIC METHOD FOR TREATING PATIENTS WITH ACUTE
; TITLE OF INVENTION: INTERMITTENT PORPHYRIA (AIP) AND OTHER PORPHYRIC
; FILE REFERENCE: GELLERFORS-1A
; CURRENT APPLICATION NUMBER: US/09/358,856C
; CURRENT FILING DATE: 1999-07-22
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for PCR
US-09-358-856C-16

Query Match
0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1192 TCCCATCCTCGAGTCTCTG 1211
Db 1 TCGCCTCCCTCTAGTCTCTG 20

RESULT 1555
US-09-722-487-30/c
; Sequence 30, Application US/09722487
; Patent No. 6537791
; GENERAL INFORMATION:
; APPLICANT: Hockenemith, Joel W.
; APPLICANT: Mulhewani, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESS: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
```

COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/722,487
FILING DATE: 28-Nov. 6537791-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/179,558
FILING DATE: <Unknown>
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-Oct-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-09-722-487-30

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3315 GACCAGAGCCGACGCTG 3334
DB 20 GAAGAGATGCCACAGCCTG 1

RESULT 1556
US-09-920-759-33
; Sequence 33, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-33

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 375 CAGTAAGCTGTGTGACGCA 394
DB 1 CAATTGAATGTGTGACGCA 20

RESULT 1557

US-10-025-139-113/C
; Sequence 113, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
; FILE REFERENCE: IS154954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-113

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1668 CTCCTGCAGCAGATGAGAA 1687
DB 20 CTCCTGTGCGGTGTAAGAA 1

RESULT 1558
US-09-322-624-18/C
; Sequence 18, Application US/09322624
; Patent No. 6548734
; GENERAL INFORMATION:
; APPLICANT: Glimcher, L et al.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
; FILE REFERENCE: HU1-035CP
; CURRENT APPLICATION NUMBER: US/09/322,624
; CURRENT FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: USSN 09/087,139
; EARLIER FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-322-624-18

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1282 CCATCAACATGTTCTCCAG 1301
DB 20 CCAACACGTGTGTATTAAG 1

RESULT 1559
US-08-488-446-127/C
; Sequence 127, Application US/08488446
; Patent No. 6558898

```

; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMI J. PILOT-MARTIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEHRHOF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BOIJK
; APPLICANT: ISA K. MUSHAWAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,550
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: FOREMSKI, PRISCILLA E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5527.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-937-6365
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-488-446-127

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2838 GTGCTGAGTTGTGTGAGAC 2857
DB      20 GTGATGAGTTGCTGAGGC 1

RESULT 1560
US-09-198-452A-1339/c
; Sequence 1339, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1339
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-1339

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4364 GCCATTCTGAAGAAAGAAC 4383
DB      20 GCCTTCTCCAGAAAGTAC 1

RESULT 1561
US-09-198-452A-1388/c
; Sequence 1388, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1388
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-1388
```

```

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1195 CATCCCTGGAGTCTGCAG 1214
DB      20 CATCACAGAGTTCTGAG 1
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RESULT 1562
US-09-198-452A-1957/c
; Sequence 1957, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1957
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-1957
```

```

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2395 TCTTCTACACTTCGAGAG 2414
DB      20 TATCTTACACGCAAGAG 1
```

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RESULT 1563
US-09-198-452A-2551/c
; Sequence 2551, Application US/09198452A
; Patent No. 6559294
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```
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2551
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2551

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4967 AGAAGAGCTTGTCTGTGC 4986
Db 20 AGCGAGGTCTTCTGTGC 1

RESULT 1564
US-09-198-452A-2642/c
/ Sequence 2642, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2642
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2642

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3182 GCAGTCGGAAGTCACTGCA 3201
Db 20 GCATCGGAAGTCACTGCA 1

RESULT 1565
US-09-198-452A-2716/c
/ Sequence 2716, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2716
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2716

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3409 AGCCGCCATATCAACCAAG 3428
Db 20 AGCCGCATATTTCAACCAAG 1

RESULT 1566
US-09-198-452A-3221
/ Sequence 3221, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
```

```
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4971 GAGCTTGTCTGTCTGCC 4990
Db 20 GAGCTTGTCTCTATCC 1

RESULT 1566
US-09-198-452A-2906/c
/ Sequence 2906, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2906
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2906

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4492 AGCAACCTTGTATATCAG 4511
Db 20 AGCAACCTTGTATCCAG 1

RESULT 1567
US-09-198-452A-2918/c
/ Sequence 2918, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2918
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2918

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3409 AGCCGCCATATCAACCAAG 3428
Db 20 AGCCGCATATTTCAACCAAG 1

RESULT 1568
US-09-198-452A-3221
/ Sequence 3221, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffaia, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
```

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; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3221

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1586 CTTGCTGGAACAGAGAGG 1605
Db 1 CTTGCTGTAAGAGAGGTAGG 20

RESULT 1569
US-09-198-452A-3681
; Sequence 3681, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3681
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3681

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2346 GACCTCCTGTCCAGACCA 2365
Db 1 GACTTACTGTCCAGATCCA 20

RESULT 1570
US-09-198-452A-3853/C
; Sequence 3853, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3853
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3853

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1504 ATGGTTCTGAGACAGATTC 1523
Db 20 ATGAGCCGAGACCAAGTTC 1
```

```

; CURRENT APPLICATION NUMBER: US/09198452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4185

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2637 GCAGAGTCACTTCCCACTT 2656
Db 1 GCAGAGTTCCTTCCCACTT 20

RESULT 1572
US-09-198-452A-4445
; Sequence 4445, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4445
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4445

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2501 GAAGTACACTTCCCTTCT 2520
Db 1 GACTACACTTCTTCTTCT 20

RESULT 1573
US-09-198-452A-4769/C
; Sequence 4769, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4769
; LENGTH: 20
; TYPE: DNA
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/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4769

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGACACAGGC 839
DB 20 TGGAGGAGGTTGCACACAGC 1

RESULT 1574
US-09-198-452A-4907/C
/ Sequence 4907, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 4907
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4907

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4965 GTGAGAGGCTTGTCTGTT 4984
DB 20 GTGAGGAGGCTTGTCTGTT 1

RESULT 1575
US-09-198-452A-5291
/ Sequence 5291, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5291
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5291

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5159 GCAGATTATGATGAGGAGC 5178
DB 1 GCAGATTATGATGAGGAGC 20

RESULT 1576
US-09-198-452A-5368/C
/ Sequence 5368, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Griflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5368
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5368

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5203 CAGAGGAGATGACCCAC 5222
DB 20 CAGAGGAGGATGACCCAC 1

RESULT 1577
US-09-198-452A-5642/C
/ Sequence 5642, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5642
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5642

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2841 GTGAGCTTGTGAGACTCT 2860
DB 20 GTGAGCTTGTGAGACTCT 1

RESULT 1578
US-09-198-452A-5923/C
/ Sequence 5923, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5923
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5923

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```



```
QY      2698 AGATTGAGTTCTCAGGTGC 2717
      ||||| ||||| |||||
Db      20 AGATTGGCTCTCTCGATGC 1

RESULT 1579
US-09-198-452A-6187
; Sequence 6187, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-6187

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3530 GGACCTGCGCTGACGAGC 3549
      ||||| ||||| |||||
Db      1 GGAATGCCACTGAAGAGC 20

RESULT 1580
US-09-808-358-15
; Sequence 15, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to trn2 or
; OTHER INFORMATION: RNA derived therefrom

US-09-808-358-15

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4407 GATATGATATATATATAT 4426
      ||||| ||||| |||||
Db      1 GATTAGATATTGAAATAT 20

RESULT 1581
US-09-808-358-35
; Sequence 35, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same

US-09-808-358-35

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      437 GGGGCTCGCTCCCTCGG 456
      ||||| ||||| |||||
Db      1 GGGGCTCGCTCGCTCGG 20

RESULT 1582
US-09-922-146-11
; Sequence 11, Application US/09922146
; Patent No. 6566133
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monla
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
; FILE REFERENCE: RTS-0252
; CURRENT APPLICATION NUMBER: US/09/922,146
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-922-146-11

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      437 GGGGCTCGCTCCCTCGG 456
      ||||| ||||| |||||
Db      1 GGGGCTCGCTCGCTCGG 20

RESULT 1583
US-09-601-144-41
; Sequence 41, Application US/09601144
; Patent No. 6566514
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiding H.
; APPLICANT: Lee, Yoon S.
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOPROXIN
; TITLE OF INVENTION: AND THIOPROXIN REDUCTASE GENES AND METHODS OF USING
; FILE REFERENCE: 683-112US-A
; CURRENT APPLICATION NUMBER: US/09/601,144
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: US 60/073,196
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
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US-09-601-144-41

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2335 AGCAGTACGACGACCTCTG 2354

Db 1 AGCAGTACGACGACCTCTG 20

RESULT 1584

US-09-601-144-65/c

Sequence 65, Application US/09601144

Patent No. 6566514

GENERAL INFORMATION:

APPLICANT: Wright, Jim A.

APPLICANT: Young, Aiping H.

APPLICANT: Lee, Yoon S.

TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDUXIN

TITLE OF INVENTION: AND THIOREDUXIN REDUCTASE GENES AND METHODS OF USING

TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH

FILE REFERENCE: 683-112US-A

CURRENT FILING DATE: 2000-10-18

PRIOR FILING DATE: 1998-01-30

NUMBER OF SEQ ID NOS: 74

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 65

LENGTH: 20

TYPE: DNA

ORGANISM: Human

US-09-601-144-65

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3758 GCGCTCCTCAGCGCTCAT 3777

Db 20 GCTCTGCTCAGCGCTCAT 1

RESULT 1585

US-09-722-708-30/c

Sequence 30, Application US/09722708

Patent No. 6573060

GENERAL INFORMATION:

APPLICANT: Hockensmith, Joel W.

APPLICANT: Muthuswami, Rohini

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TARGETING DNA METABOLIC PROCESSES USING

AMINOGLYCOSIDE DERIVATIVES

NUMBER OF SEQUENCES: 66

CORRESPONDENCE ADDRESS:

ADDRESS: PENNIE & EDMONDS LLP

STREET: 1155 Avenue of the Americas

City: New York

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/722,708

FILING DATE: 28-No. 6573060-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/179,558

FILING DATE: <Unknown>

APPLICATION NUMBER: U.S. 60/063, 898

FILING DATE: 31-OCT-1997

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 9426-005-999

TELEPHONE: (212)7909090

TELEFAX: (212)6699741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 30:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other

SEQUENCE DESCRIPTION: SEQ ID NO: 30:

US-09-722-708-30

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3315 GACGAGATGCCACGACCTG 3334

Db 20 GACGAGATGCCACGACCTG 1

RESULT 1586

US-09-733-444-16/c

Sequence 16, Application US/09733444

Patent No. 6576423

GENERAL INFORMATION:

APPLICANT: Bacta, Surinder K.

APPLICANT: Brandt, Randall E.

APPLICANT: Ringel, J"erg

APPLICANT: Faulmann, Grit

APPLICANT: L"hr, Matthias

APPLICANT: Varshney, Grish C.

TITLE OF INVENTION: University of Nebraska Board of Regents

TITLE OF INVENTION: Specific Mucin Expression as a Marker

FILE REFERENCE: UNMC 63155

CURRENT APPLICATION NUMBER: US/09/733,444

CURRENT FILING DATE: 2000-12-08

NUMBER OF SEQ ID NOS: 29

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 16

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-09-733-444-16

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4156 CTGCTGCTCTCTCTGCTG 4175

Db 20 CTGCTGCTCTCTCTGCTG 1

RESULT 1587

US-09-909-595-64/c

Sequence 64, Application US/09909595

Patent No. 6586245

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Brenda F. Baker

TITLE OF INVENTION: Specific Mucin Expression as a Marker

FILE REFERENCE: UNMC 63155

CURRENT APPLICATION NUMBER: US/09/733,444

CURRENT FILING DATE: 2000-12-08

NUMBER OF SEQ ID NOS: 29

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 16

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-09-733-444-16

APPLICANT: Jacqueline Wvatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RFS-0223
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO: 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-64

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5061 AGCCTTCTCTCCATCTCT 5080
Db 20 ACCTCTTCTCTCAATCTCT 1

RESULT 1588
US-08-467-344A-127/C
Sequence 127, Application US/08467344A
Patent No. 6586568
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
SURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUEHROFF
JAMES C. ERKER
SHERI L. BUIJCK
ISA K. MUSHAMMAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
REAGENTS AND METHODS FOR THEIR USE
CLASSIFICATION:
NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,344A
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/424,550
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: FOREMBSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 127:
US-08-467-344A-127

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2838 GTGATGAAGTTGGTGAGAC 2857
Db 20 GTGATGAAGTTGGTGAGAC 1

RESULT 1589
US-09-081-385-25
Sequence 25, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-081-385-25

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 990 TCCGAGACATTTGTCAGGC 1009
Db 1 TCCTAGACATGTTCAAGTG 20

RESULT 1590
US-09-081-385-76

Sequence 76, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-081-385-76

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4047 CCAGGCCTCTAGCAGAC 4066
DB 1 CCAGTCCTTATGCATGTC 20

RESULT 1591
US-09-903-413-8/c
Sequence 8, Application US/09903413
Patent No. 6596492
GENERAL INFORMATION:
APPLICANT: Avery, Anne C.
TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND
TITLE OF INVENTION: FELINE LYMPHOID MALIGNANCIES
FILE REFERENCE: DI-14
CURRENT APPLICATION NUMBER: US/09/903,413
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,611
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-903-413-8

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3227 CATCACTGAATCATCAACC 3246
DB 20 CCTCAGTCGATCAACCAACC 1

RESULT 1592
US-09-670-216-9
Sequence 9, Application US/09670216
Patent No. 6596851
GENERAL INFORMATION:
APPLICANT: Bucala, Richard J.
APPLICANT: Chesney, Jason A.
TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
FILE REFERENCE: 9511-064-27 DIV
CURRENT APPLICATION NUMBER: US/09/670,216
CURRENT FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: US 09/183,846
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: US 08/961,578
PRIOR FILING DATE: 1997-10-31
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-670-216-9

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 998 ATTGTTCCAGCGACTGCAAA 1017
DB 1 ATTGTCCTGGCAACTGCAAA 20

RESULT 1593
US-09-780-045-104
Sequence 104, Application US/09780045
Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
FILE REFERENCE: RTS-0130
CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 104
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-104

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3917 CCCGACCCCGCGCGCGCGC 3936

Db 1 CCCGCGCGCTTCCCGCGCGC 20

RESULT 1594

US-09-780-045-105/c

; Sequence 105, Application US/09780045

; Patent No. 6602713

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT E

; FILE REFERENCE: RTS-0130

; CURRENT APPLICATION NUMBER: US/09/780,045

; CURRENT FILING DATE: 2001-02-09

; NUMBER OF SEQ ID NOS: 135

; SEQ ID NO 105

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-780-045-105

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3789 GCGAGCGCGCGCGCGGGA 3808

Db 20 GCGCGGCGGAGCGCGCGGGA 1

RESULT 1595

US-09-780-172-74/c

; Sequence 74, Application US/09780172

; Patent No. 6607916

; GENERAL INFORMATION:

; APPLICANT: Robert McKay

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION

; FILE REFERENCE: RTS-0159

; CURRENT APPLICATION NUMBER: US/09/780,172

; CURRENT FILING DATE: 2001-02-08

; NUMBER OF SEQ ID NOS: 96

; SEQ ID NO 74

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-780-172-74

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4587 GGAAGGGTGAAGCATTAG 4606

Db 20 GGAAGGGTGAAGCATTAG 1

RESULT 1596

US-09-465-589A-5/c

; Sequence 5, Application US/09465589A

; Patent No. 6610481

; GENERAL INFORMATION:

; APPLICANT: KOCH, Jörn B.

; TITLE OF INVENTION: A CASCADE NUCLEIC ACID AMPLIFICATION REACTION

; FILE REFERENCE: 4305/15293-US2

; CURRENT APPLICATION NUMBER: US/09/465,589A

; CURRENT FILING DATE: 1999-12-17

; PRIOR APPLICATION NUMBER: US 09/091,146

; PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: PCT/DK96/00513

; PRIOR FILING DATE: 1996-12-05

; PRIOR APPLICATION NUMBER: DK 1379/95

; PRIOR FILING DATE: 1995-12-05

; NUMBER OF SEQ ID NOS: 22

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligonucleotide

US-09-465-589A-5

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 271 TCTCTCTTCTCTCTCTC 290

Db 20 TTCTCTCTCTCTCTCTTC 1

RESULT 1597

US-09-465-589A-6

; Sequence 6, Application US/09465589A

; Patent No. 6610481

; GENERAL INFORMATION:

; APPLICANT: KOCH, Jörn B.

; TITLE OF INVENTION: A CASCADE NUCLEIC ACID AMPLIFICATION REACTION

; FILE REFERENCE: 4305/15293-US2

; CURRENT APPLICATION NUMBER: US/09/465,589A

; CURRENT FILING DATE: 1999-12-17

; PRIOR APPLICATION NUMBER: US 09/091,146

; PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: PCT/DK96/00513

; PRIOR FILING DATE: 1996-12-05

; PRIOR APPLICATION NUMBER: DK 1379/95

; PRIOR FILING DATE: 1995-12-05

; NUMBER OF SEQ ID NOS: 22

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 6

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligonucleotide

US-09-465-589A-6

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 271 TCTCTCTTCTCTCTCTC 290

Db 1 TTCTCTCTCTCTCTCTTC 20

RESULT 1598

US-09-112-580-56/c

; Sequence 56, Application US/09112580

; Patent No. 6610539

; GENERAL INFORMATION:

; APPLICANT: WRIGHT, Jim A.

; APPLICANT: YOUNG, Aiding

; APPLICANT: DUCOURD, Dominique

```
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
/ FILE OF INVENTION: MICROORGANISMS
/ FILE REFERENCE: 032396-016
/ CURRENT APPLICATION NUMBER: US/09/112,580
/ EARLIER FILING DATE: 1998-07-09
/ EARLIER APPLICATION NUMBER: US 60/052,160
/ NUMBER OF SEQ ID NOS: 265
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 56
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Escherichia coli
US-09-112-580-56

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2134 TGAAGTCTGAGAGTGAAGAAG 2153
DB      20  TGGCATCTGGAAGTGAAGAAG 1

RESULT 1599
US-10-027-983-56
/ Sequence 56, Application US/10027983
/ Patent No. 6617162
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
/ FILE REFERENCE: RTS-0340
/ CURRENT APPLICATION NUMBER: US/10/027,983
/ EARLIER FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 98
/ SEQ ID NO 56
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-56

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      745 AGCTGACGACGCTCATGAG 764
DB      1  AGGTGACCTGATCATGAG 20

RESULT 1600
US-09-855-722-20/c
/ Sequence 20, Application US/09855722
/ Patent No. 6638741
/ GENERAL INFORMATION:
/ APPLICANT: Sakano, Seiji
/ APPLICANT: Itoh, Akira
/ TITLE OF INVENTION: DIFFERENTIATION-SUPPRESSIVE POLYPEPTIDE
/ FILE REFERENCE: KP-8576
/ CURRENT APPLICATION NUMBER: US/09/855,722
/ EARLIER FILING DATE: 2001-05-16
/ PRIOR APPLICATION NUMBER: 09/214,278
/ PRIOR FILING DATE: 1999-01-26
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 20
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-855-722-20

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2901 CTGACGACGACATCTCTCAT 2920
DB      20  CTCGATGACGACGCTCTCAT 1

RESULT 1601
US-09-337-619-8
/ Sequence 8, Application US/09337619
/ Patent No. 6653292
/ GENERAL INFORMATION:
/ APPLICANT: Kriegl, Arthur M.
/ TITLE OF INVENTION: Methods of Treating Cancer Using
/ FILE REFERENCE: C1039/7021/HCL
/ CURRENT APPLICATION NUMBER: US/09/337,619
/ EARLIER FILING DATE: 1999-06-21
/ EARLIER APPLICATION NUMBER: US 08/960,774
/ EARLIER FILING DATE: 1997-10-30
/ EARLIER APPLICATION NUMBER: US 08/738,652
/ EARLIER FILING DATE: 1996-10-30
/ EARLIER APPLICATION NUMBER: US 08/386,063
/ EARLIER FILING DATE: 1995-02-07
/ EARLIER APPLICATION NUMBER: US 08/276,358
/ EARLIER FILING DATE: 1994-07-15
/ NUMBER OF SEQ ID NOS: 123
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 8
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-09-337-619-8

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1357 TGCAGAGGTCCTGAGTCT 1376
DB      1  TCCATGAGCTTCTGAGTCT 20

RESULT 1602
US-09-860-473-47/c
/ Sequence 47, Application US/09860473
/ Patent No. 6656732
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
/ FILE REFERENCE: RTS-0222
/ CURRENT APPLICATION NUMBER: US/09/860,473
/ EARLIER FILING DATE: 2001-05-18
/ NUMBER OF SEQ ID NOS: 169
/ SEQ ID NO 47
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-47

Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 2926 TCAAGTCTCTGACAGGAC 2945
DB 20 TCAACTCTCTGACACCGTC 1

RESULT 1603
US-09-860-473-64/C
; Sequence 64, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-64

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 591 AGCTCCTCGTGGTGGC 610
DB 20 ACCTCTCTCTGCGAGAAAG 1

RESULT 1604
US-09-860-473-119/C
; Sequence 119, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-119

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1887 GAGTGGCTGAGATCTCAA 1906
DB 20 GAGCGGCTGAGATTTGCA 1

RESULT 1605
US-09-377-497-41/C
; Sequence 41, Application US/09377497
; Patent No. 6670119
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MURAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU

APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/09/377,497
; CURRENT FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-377-497-41

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2909 GCACATCTCATCAGCATCA 2928
DB 20 GCACATGATCATCAGATCA 1

RESULT 1606
US-09-980-052-118
; Sequence 118, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joou; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: P05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium marinum
US-09-980-052-118

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2251 ACCTCTTGTGTTGGGAT 2270
DB 1 ATCTCTGTTGTTGGGAT 20

RESULT 1607
US-10-147-936B-3/C
; Sequence 3, Application US/10147936B

```
/ Patent No. 6692951
/ GENERAL INFORMATION:
/ APPLICANT: Quax, Wilhelmus J.
/ APPLICANT: Kerkman, Richard
/ APPLICANT: Broekhuizen, Cornelis P.
/ TITLE OF INVENTION: No. 6692951 Secretion Factors for
/ TITLE OF INVENTION: Gram-Positive Microorganisms Genes Encoding Them and Methods
/ TITLE OF INVENTION: of Using It
/ FILE REFERENCE: GCX322-US
/ CURRENT APPLICATION NUMBER: US/10/147,936B
/ CURRENT FILING DATE: 2002-05-17
/ PRIOR APPLICATION NUMBER: US/08/981,527
/ PRIOR FILING DATE: 1997-12-16
/ PRIOR APPLICATION NUMBER: PCT/NL96/00278
/ PRIOR FILING DATE: 1996-07-05
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: degenerate primer based on Bacillus subtilis
US-10-147-936B-3
```

```
Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 10; Conservative 8; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3395 GACACCTCCCGGCACCCG 3414
DB      20 GAYAVMTWYCGYSCRSYGC 1
```

```
RESULT 1608
US-09-967-669-62/c
/ Sequence 62, Application US/09967669
/ Patent No. 6692960
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
/ FILE REFERENCE: RTS-0259
/ CURRENT APPLICATION NUMBER: US/09/967,669
/ CURRENT FILING DATE: 2001-09-28
/ NUMBER OF SEQ ID NOS: 90
/ SEQ ID NO 62
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-62
```

```
Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1618 GGAAGAAATGTTTGTCT 1637
DB      20 GTAATGAAATGTGTTGCT 1
```

```
RESULT 1609
US-09-192-854-187/c
/ Sequence 187, Application US/09192854
/ Patent No. 6696245
/ GENERAL INFORMATION:
/ APPLICANT: Winter, Greg
/ APPLICANT: Tomlinson, Ian
/ TITLE OF INVENTION: Methods for Selecting Functional Peptides
/ FILE REFERENCE: 3789/72916
```

```
/ CURRENT APPLICATION NUMBER: US/09/192,854
/ CURRENT FILING DATE: 1998-11-17
/ EARLIER APPLICATION NUMBER: 60/066,729
/ EARLIER FILING DATE: 1997-11-21
/ NUMBER OF SEQ ID NOS: 212
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 187
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-192-854-187
```

```
Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2526 GACGAGTCCTCTGGAGTC 2545
DB      20 GACTGGGTCTCTGGATGTC 1
```

```
RESULT 1610
US-09-192-854-199/c
/ Sequence 199, Application US/09192854
/ Patent No. 6696245
/ GENERAL INFORMATION:
/ APPLICANT: Winter, Greg
/ APPLICANT: Tomlinson, Ian
/ TITLE OF INVENTION: Methods for Selecting Functional Peptides
/ FILE REFERENCE: 3789/72916
/ CURRENT APPLICATION NUMBER: US/09/192,854
/ CURRENT FILING DATE: 1998-11-17
/ EARLIER APPLICATION NUMBER: 60/066,729
/ EARLIER FILING DATE: 1997-11-21
/ NUMBER OF SEQ ID NOS: 212
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 199
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-192-854-199
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```
Query Match      0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2526 GACGAGTCCTCTGGAGTC 2545
DB      20 GACTGGGTCTCTGGATGTC 1
```

```
RESULT 1611
US-09-125-491C-18
/ Sequence 18, Application US/09125491C
/ Patent No. 6699686
/ GENERAL INFORMATION:
/ APPLICANT: BROCARD, Jacques Bertrand
/ APPLICANT: CHAMBON, Pierre Henri
/ APPLICANT: GRONEMEYER, Hinrich
/ APPLICANT: METZGER, Daniel
/ APPLICANT: NICOLAS, Jean-Claude
/ APPLICANT: ROUX, Sylvie
/ TITLE OF INVENTION: MODIFIED NUCLEAR GLUCOCORTICOID
/ RECEPTOR, FUSION PROTEIN, AND DNA FRAGMENTS CODING
/ FOR
/ SAID RECEPTOR AND SAID FUSION PROTEIN
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: BURNS, DOANE, SWECKER & MATHIS, LLP
/ STREET: P.O. Box 1404
/ CITY: Alexandria
/ STATE: Virginia
/ COUNTRY: United States
```


ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/125,491C
FILING DATE: 20-Aug-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR97/00315
FILING DATE: 20-FEB-1997
APPLICATION NUMBER: FR 96 02060
FILING DATE: 02-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Rea, Teresa Stanek
REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 017753-100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: -
LOCATION: 1..20
OTHER INFORMATION: /note= "primer A"
US-09-125-491C-18
Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 929 CAAGAGGTTCTTTTCAA 948
Db 1 CAAGAGCCTCTCTTCTCTA 20
RESULT 1612
US-09-566-047-71/c
Sequence 71, Application US/09566047
Patent No. 6703198
GENERAL INFORMATION:
APPLICANT: Li, Linheng
Hood, Leroy
Krantz, Ian D.
Spinner, Nancy B.
TITLE OF INVENTION: Methods of Diagnosing Alagille Syndrome
NUMBER OF SEQUENCES: 110
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/566,047
FILING DATE: 05-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/882,046
FILING DATE: 25-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-UW 4164
TELECOMMUNICATION INFORMATION:
TELEPHONE: (858) 535-9001
TELEFAX: (858) 535-8949
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: exon
LOCATION: 1..10
FEATURE:
NAME/KEY: Intron
LOCATION: 11..20
US-09-566-047-71
Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4427 TATATATATATATGCGCACA 4446
Db 20 TTACTTACTTACATGCGCACA 1
RESULT 1613
US-09-402-618B-87/c
Sequence 87, Application US/09402618B
Patent No. 6709815
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO: 87
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-402-618B-87
Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3360 TCCCGCTGGGCGCTGCAG 3379
Db 20 TCGGCGCTGGGCGCTGCAG 1
RESULT 1614

```
US-09-402-618B-91/c
; Sequence 91, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Pang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleotides
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-402-618B-91
```

```
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3360 TCCCGCGCTGGGGCCCTGCAG 3379
Db      20  TCGGCGCTGGGGCGCCGCGCG 1
```

```
RESULT 1615
US-10-215-448-44/c
; Sequence 44, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-44
```

```
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2915 CCTCATCAGCATCACTCTCT 2934
Db      20  CTTGATCCGATCATCTCTCT 1
```

```
RESULT 1616
US-08-983-605-65/c
; Sequence 65, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; Triticum aestivum and Triticum spelta and the Use of
```

```
; TITLE OF INVENTION: Said Markers
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-65
```

```
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3287 CCTGCACGTGAAGCAGACT 3306
Db      20  CTTCTCGTGAAGCAGACT 1
```

```
RESULT 1617
US-08-983-605-80
; Sequence 80, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; Triticum aestivum and Triticum spelta and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-80
```

```
Query Match          0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2132 CTTGACTTCAGGAGTGA 2151
Db      1  CTTGACTTCAGGCGGTGACA 20
```

```
RESULT 1618
US-08-983-605-80/c
; Sequence 80, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; Triticum aestivum and Triticum spelta and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
```

ORGANISM: Titicicum aestivum
US-08-983-605-80

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1324 TGTGATCCATTGAGACAG 1343
DB 20 TGTGACGCTTGTGAGTCAAG 1

RESULT 1619
US-08-424-550B-127/C
Sequence 127, Application US/08424550B

PATENT No. 6720166
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
APPLICANT: TAMM J. PILOT-MATIAS
APPLICANT: GEORGE J. DAWSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: THOMAS M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUEHROFF
APPLICANT: JAMES C. BRKER
APPLICANT: SHERI L. BUTIK
APPLICANT: ISA K. MUSHAWAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/424,550B
FILING DATE:
CLASSIFICATION: 435435
ATTORNEY/AGENT INFORMATION:
NAME: FOREMSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-424-550B-127

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2838 GTGATGAAGTTGGTGAGAC 2857
DB 20 GTGATGAAGTTGGTGAGGC 1

RESULT 1620
US-09-758-881-55/C

Sequence 55, Application US/09758881

PATENT No. 6727064
GENERAL INFORMATION:
APPLICANT: KARRAS, James G
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
FILE REFERENCE: ISPH-0532
CURRENT APPLICATION NUMBER: US/09/758,881
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-55

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4799 TGGAGAGCAGGAATCAG 4818
DB 20 TGGGTGAGAGAGCATCAG 1

RESULT 1621
US-10-172-911-43
Sequence 43, Application US/10172911
PATENT No. 6743909
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
FILE REFERENCE: PITS-0016
CURRENT APPLICATION NUMBER: US/10/172,911
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 123
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-172-911-43

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1721 CACCATCTTCATCGACCT 1740
DB 1 CACATCTTTTCAGACCT 20

RESULT 1622
US-09-735-450-11
Sequence 11, Application US/09735450
PATENT No. 6767542
GENERAL INFORMATION:
APPLICANT: Paterson, Yvonne
APPLICANT: Gunn III, George R
APPLICANT: Peters, Christian
TITLE OF INVENTION: Compositions and Methods for Enhancing Immunogenicity
FILE REFERENCE: PENN-0741
CURRENT APPLICATION NUMBER: US/09/735,450

```

; CURRENT FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: 09/537,642
; PRIOR FILING DATE: 2000-03-29
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-735-450-11

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4971 GAGCTTTGCTGTTGCTCC 4990
DB 1 GAGCTTTGCTGTTGCTCC 20

RESULT 1623
US-09-492-361-29/c
; Sequence 29, Application US/09492361
; Patent No. 6794161
; GENERAL INFORMATION:
; APPLICANT: JENTSCH, Thomas J.
; TITLE OF INVENTION: NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE
; FILE REFERENCE: 2815-127P
; CURRENT APPLICATION NUMBER: US/09/492,361
; CURRENT FILING DATE: 2000-01-27
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-492-361-29

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2291 GCCTACCTGGAGCGCAAA 2310
DB 20 GCCTATCTGGAGCACAAA 1

RESULT 1624
US-10-071-411A-26/c
; Sequence 26, Application US/10071411A
; Patent No. 6797475
; GENERAL INFORMATION:
; APPLICANT: Glenn Barnes
; APPLICANT: Joanne Meyer
; TITLE OF INVENTION: Detection of Polymorphisms in the Human
; FILE REFERENCE: MRI-021
; CURRENT APPLICATION NUMBER: US/10/071,411A
; CURRENT FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: 60/267,515
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/314,248
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
```

```

; ORGANISM: Homo sapiens
US-10-071-411A-26

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5059 GCAGCCTTTCTCTCTATCT 5078
DB 20 GCAGCCTTCACTCCCTATCT 1

RESULT 1625
PCT-US91-05742-24/c
; Sequence 24, Application PC/TUS9105742
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M
; APPLICANT: Eckert, David J
; TITLE OF INVENTION: Inhibition of Influenza Viruses
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
; STREET: One Liberty Place--46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: US
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05742
; FILING DATE: 19910813
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0359
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US91-05742-24

Query Match
Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4141 CTCTCCCGGACCTCTGCT 4160
DB 20 CTCTCCAGACATCTGCT 1

RESULT 1626
PCT-US93-04863-11/c
; Sequence 11, Application PC/TUS9304863
; GENERAL INFORMATION:
; APPLICANT: Ronald L. Marshall
; APPLICANT: John J. Carrino
; APPLICANT: Joann C. Sustachek
; APPLICANT: ABBOTT LABORATORIES
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; USING THE LIGASE CHAIN REACTION
```


TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-07770-72

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1668 CTCCTGCAGACATGAGAA 1687
Db 20 CTCCTGTCGCGTTGAGAA 1

RESULT 1629

PCT-US94-07770-73/c
Sequence 73, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Bogs
TITLE OF INVENTION: Oligonucleotide Modulation of
KINASE C
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-07770-73

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1668 CTCCTGCAGACATGAGAA 1687
Db 20 CTCCTGTCGCGTTGAGAA 1

RESULT 1630
PCT-US95-02943-1
Sequence 1, Application PC/TUS9502943
GENERAL INFORMATION:
APPLICANT: Mellins, Elizabeth D.
TITLE OF INVENTION: HLA-DM is Involved in Antigen
Presentation to T
Lymphocytes
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
ADDRESSEE: Norris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02943
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/206,790
FILING DATE: 04-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ttunjillo, Doreen Y.
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CH-0485
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ANTI-SENSE: NO
PCT-US95-02943-1

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2441 CCGTTTGAGACACTGACTC 2460
Db 1 CCGTTTGAGACACTGACTC 20

RESULT 1631
PCT-US95-06379-36
Sequence 36, Application PC/TUS9506379
GENERAL INFORMATION:
APPLICANT: Watanabe, Kyotchi A.
APPLICANT: Ren, Wu-Yun
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York

STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-36

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAGAGAGC 2821
DB 1 GAAGGAGATGAGAGAGAGC 20

RESULT 1632
PCT-US95-08605-8
Sequence 8, Application PC/TUS9508605
GENERAL INFORMATION:
APPLICANT: Visible Genetics Inc.
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSER: Oppebahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08605
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
PRIOR APPLICATION DATA: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 5 of human p53 gene
PCT-US95-08605-8

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1195 CATCCCTGAGTCTCTGCAG 1214
DB 1 CAGCCTGTGCTCTCTCAG 20

RESULT 1633
PCT-US96-09388-65
Sequence 65, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSER: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES

PCT-US96-09388-65

Query Match 0.3%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 1.3e+03; Mismatches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3705 CAGGAGCTGATCGCGCGA 3724

Db 1 CCGGATGATGATCGCGCGA 20

RESULT 1634

PCT-US96-09388-70

Sequence 70, Application PC/TUS9609388

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/09388

FILING DATE: 07-JUN-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Reed, Janet E.

REGISTRATION NUMBER: 36,252

REFERENCE/DOCKET NUMBER: 63082C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 70:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

PCT-US96-09388-70

Query Match

Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3715 ATCGCGCGAGGCGCGCGC 3734

Db 1 ATCGCGCGCGATGCGCGCGC 20

RESULT 1635

PCT-US96-09388-71

Sequence 71, Application PC/TUS9609388

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/09388

FILING DATE: 07-JUN-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Reed, Janet E.

REGISTRATION NUMBER: 36,252

REFERENCE/DOCKET NUMBER: 63082C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

PCT-US96-09388-71

Query Match

Best Local Similarity 0.3%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3714 GATCGCGCGAGGCGCGCG 3733

Db 1 GATCGCGCGCGATGCGCGCG 20

RESULT 1636

US-09-422-978-6964

Sequence 6964, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6964

LENGTH: 21

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..21

OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,

US-09-142-978-6964

Query Match 0.3%; Score 13.6; DB 1; Length 21;

Best Local Similarity 80.0%; Pred. No. 1.4e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5063 CCTTCTCTCTCTCTCT 5082
DB 1 CCTTCTCTCTCTCTCT 20

RESULT 1637

US-08-142-785-5/c

Sequence 5, Application US/08142785

Patent No. 5434257

GENERAL INFORMATION:

APPLICANT: MATTEUCCI, MARK D.

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 169.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 574-3000

TELEFAX: (415) 578-9264

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-142-785-5

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/142,785

FILING DATE: 26-OCT-1993

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 169.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 574-3000

TELEFAX: (415) 578-9264

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-142-785-5

Query Match 0.3%; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 8.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCT 291
DB 15 TTTTCTCTCTCTCT 1

RESULT 1638

US-08-142-785-6

Sequence 6, Application US/08142785

Patent No. 5434257

GENERAL INFORMATION:

APPLICANT: MATTEUCCI, MARK D.

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 169.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 574-3000

TELEFAX: (415) 578-9264

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

STREET: 353 Lakeside Drive

CITY: Foster City

STATE: California

COUNTRY: USA

ZIP: 94404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/142,785

FILING DATE: 26-OCT-1993

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 169.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 574-3000

TELEFAX: (415) 578-9264

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-142-785-6

Query Match 0.3%; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 8.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCT 291
DB 1 TTTTCTCTCTCTCT 15

RESULT 1639

US-07-799-824-4/c

Sequence 4, Application US/07799824

Patent No. 5484908

GENERAL INFORMATION:

APPLICANT: Froehler, Brian

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 24610-20035.00

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-813-5600

TELEFAX: 415-327-2951

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-142-785-5

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/799,824

FILING DATE: 19911126

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Muraishi, Kate H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 24610-20035.00

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-813-5600

TELEFAX: 415-327-2951

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-142-785-6

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-799-824-4

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 15 TTTTCTCTCTCTCT 1

RESULT 1640

US-07-976-103A-4/C
Sequence 4, Application US/07976103A
Patent No. 5645985

GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-4

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 15 TTTTCTCTCTCTCT 1

RESULT 1641

US-08-363-240A-708
Sequence 708, Application US/08363240A
Patent No. 5705388

GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaler, Charles
APPLICANT: Page, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 708:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-708

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 8.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2391 AAGCTTCTCTACAC 2405
Db 1 AAGCUCUCUCACAC 15

RESULT 1642
US-08-426-807-1
Sequence 1, Application US/08426807
Patent No. 5750673

GENERAL INFORMATION:
APPLICANT: Martin, Pierre
APPLICANT: Nucleosides and oligonucleotides
TITLE OF INVENTION: having 2'-ether groups
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ciba-Geigy Corporation/Patent Dept.
STREET: 520 White Plains Rd.
CITY: Tarrytown
STATE: NY
COUNTRY: USA

RESULT 1641

ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette-3.5 inch, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text Editor
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,807
FILING DATE: 20-APR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mansfield, Kevin T.
REGISTRATION NUMBER: 31,635
REFERENCE/DOCKET NUMBER: FL/64-19923/A
TELEPHONE: 914-785-7127
TELEFAX: 914-785-7102
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
ANTI-SENSE: YES
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5
OTHER INFORMATION: /note = "modified sugar"
US-08-426-807-1

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1643
US-07-892-902-6/c
Sequence 6, Application US/07892902
Patent No. 5817781
GENERAL INFORMATION:
APPLICANT: Swaminathan, Sundaramoorthi
APPLICANT: Matteucci, Mark
APPLICANT: Pudlo, Jeff
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/892,902
FILING DATE: 01-JUN-1992
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Muraahige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 246102004200
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-892-902-6

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 15 TTTTCTCTCTCTCT 1

RESULT 1644
US-07-892-902-7
Sequence 7, Application US/07892902
Patent No. 5817781
GENERAL INFORMATION:
APPLICANT: Swaminathan, Sundaramoorthi
APPLICANT: Matteucci, Mark
APPLICANT: Pudlo, Jeff
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/892,902
FILING DATE: 01-JUN-1992
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Muraahige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 246102004200
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-892-902-7

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1645
US-08-473-481-4/c
; Sequence 4, Application US/08473481
; Patent No. 5830653
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: MAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: MUEBCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162,3D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-473-481-4

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCT 291
| |||||

Db 15 TTTTCTCTCTCTCT 1

RESULT 1646
US-08-292-620A-24/c
; Sequence 24, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; PRIORITY APPLICATION DATA: including application
; PRIORITY APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-24

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 848 TGAGGAGCACACGA 862
| |||||

Db 15 TGAGGGGAGCACACGA 1

RESULT 1647
US-08-292-620A-63
; Sequence 63, Application US/08292620A
; Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-63

Query Match: 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 8.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3552 GAGATGTTGAGAAC 3566
DB 1 GAGCTGUGUUGAAGAAC 15

RESULT 1648
US-08-585-684B-164/c
Sequence 164, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 164:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-164

Query Match: 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4521 GAGAGCTGAGCTCT 4535
DB 15 GAGAGCTGAGCTCT 1

RESULT 1649
US-08-459-434-1
Sequence 1, Application US/08459434
Patent No. 5969116
GENERAL INFORMATION:
APPLICANT: Martin, Pierre
TITLE OF INVENTION: Nucleosides and oligonucleotides having
TITLE OF INVENTION: 2'-ether groups
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5969116artis Corporation
STREET: 59 Route 10
CITY: East Hanover
STATE: New Jersey
COUNTRY: USA
ZIP: 07936-1080
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 1467/93-4

FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/241,213
FILING DATE: 10-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide
US-08-459-434-1 comprising a modified sugar"

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1650

US-09-071-845-24/C
Sequence 24, Application US/09071845
Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845

FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-24

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 848 TGAGGAGGACACAGA 862
Db 15 TGAGGGGACACAGA 1

RESULT 1651

US-09-071-845-63
Sequence 63, Application US/09071845
Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845

FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-63

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 8.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3552 GAGATGTTGAGAAC 3566
DB 1 GAGCTGUGAGAAC 15

RESULT 1652
US-09-038-073-164/c
Sequence 164, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 164:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-164

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4521 GAGAGCTGAGGCTCT 4535
DB 15 GAGAGGCTGAGGCTCT 1

RESULT 1653
US-08-338-352-5/c
Sequence 5, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MORASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-338-352-5

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCT 291
DB 15 TTTTCTCTCTCTCT 1

RESULT 1654
US-09-202-294-1
Sequence 1, Application US/09202294
Patent No. 6329519
GENERAL INFORMATION:
APPLICANT: Collingwood, Stephen P.
APPLICANT: Moser, Heinz E.
APPLICANT: Altman, Karl-Heinz
APPLICANT: Douglas, Mark B.
TITLE OF INVENTION: Intermediates for oligonucleotides
FILE REFERENCE: 4-20900/A/MA2134/BCT
CURRENT APPLICATION NUMBER: US/09/202,294
FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.0

```
/ SEQ ID NO 1
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-202-294-1

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15

RESULT 1655
US-08-599-738A-4/c
/ Sequence 4, Application US/08599738A
/ Patent No. 6380368
/ GENERAL INFORMATION:
/ APPLICANT: PROEHLER, BRIAN
/ APPLICANT: WAGNER, RICK
/ APPLICANT: MATTEUCCI, MARK
/ APPLICANT: JONES, ROBERT J.
/ APPLICANT: GUTIERREZ, ARNOLD J.
/ APPLICANT: PUDLO, JEFF
/ TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
/ TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: GILEAD SCIENCES, INC.
/ STREET: 353 Lakeside Drive
/ CITY: Foster City
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/599,738A
/ FILING DATE: 12-FEB-1996
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/473,481
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/976,103
/ FILING DATE: 25-NOV-1992
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/965,941
/ FILING DATE: 23-OCT-1992
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/338,352
/ FILING DATE: 14-NOV-1994
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/935,444
/ FILING DATE: 25-AUG-1992
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/799,824
/ FILING DATE: 26-NOV-1991
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KUENCHAU, DARYL D.
```

```
/ REGISTRATION NUMBER: 36,616
/ REFERENCE/DOCKET NUMBER: 162.3D2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 573-4712
/ TELEFAX: (415) 573-4899
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-599-738A-4

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      277 TCTTCTCTCTCTCT 291
Db      15 TTTTCTCTCTCTCT 1

RESULT 1656
US-09-463-067-9/c
/ Sequence 9, Application US/09463067
/ Patent No. 6451595
/ GENERAL INFORMATION:
/ APPLICANT: VIRMED Limited
/ TITLE OF INVENTION: High efficiency retroviral vectors that contain none of viral cod
/ TITLE OF INVENTION: sequences
/ FILE REFERENCE: 94po-05-10
/ CURRENT APPLICATION NUMBER: US/09/463,067
/ CURRENT FILING DATE: 2000-01-14
/ PRIOR APPLICATION NUMBER: KR 98-24478
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: KR 99-23398
/ PRIOR FILING DATE: 1999-06-22
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: KOPATIN 1.0
/ SEQ ID NO 9
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: SA Top oligomer
US-09-463-067-9

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4828 TCCACTGCAGAGATC 4842
Db      15 TCCTGTGAGAGATC 1

RESULT 1657
US-09-612-531-4
/ Sequence 4, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: Is4s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
```



```

; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-612-531-4
```

```

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```

RESULT 1658
US-09-612-531-8
; Sequence 8, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s1s-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-8
```

```

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```

RESULT 1659
US-09-612-531-9
; Sequence 9, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s1s-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
```

```

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-9
```

```

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```

RESULT 1660
US-09-612-531-10
; Sequence 10, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s1s-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-10
```

```

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```

RESULT 1661
US-09-612-531-14
```

```
/ Sequence 14, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guandidium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isis-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 14
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: T*=2'-deoxy
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: T*=2'-deoxy
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-deoxy
/ US-09-612-531-14
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1662
US-09-612-531-15
/ Sequence 15, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guandidium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isis-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 15
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-AE
```

```
US-09-612-531-15
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1663
US-09-612-531-16
/ Sequence 16, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guandidium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isis-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 16
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-AP*
/ US-09-612-531-16
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1664
US-09-612-531-17
/ Sequence 17, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guandidium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isis-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 17
/ LENGTH: 15
```

```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: T*=2'-O-GE
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: T*=2'-O-GE
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: T*=2'-O-GE
US-09-612-531-17
```

```
Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1665
US-09-612-531-18
Sequence 19, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatreman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T*=2'-deoxy
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: T*=2'-deoxy
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: T*=2'-deoxy
NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: T*=2'-deoxy
US-09-612-531-18
```

```
Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1666
US-09-612-531-19
Sequence 19, Application US/09612531
```

```
Patent No: 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatreman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 19
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T*=2'-O-AB
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: T*=2'-O-AB
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: T*=2'-O-AB
NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: T*=2'-O-AB
US-09-612-531-19
```

```
Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1667
US-09-612-531-20
Sequence 20, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatreman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: T*=2'-O-AP*
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: T*=2'-O-AP*
NAME/KEY: misc_feature
```

```
Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-20
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1668
US-09-612-531-21
/ Sequence 21, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isls-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 21
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-GE
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-GE
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-GE
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-O-GE
US-09-612-531-21
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1669
US-09-612-531-22
/ Sequence 22, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isls-4406
```

```
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 22
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(5)
/ OTHER INFORMATION: T*=2'-deoxy
US-09-612-531-22
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1670
US-09-612-531-23
/ Sequence 23, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: Isls-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 23
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(5)
/ OTHER INFORMATION: T*=2'-O-AE
US-09-612-531-23
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15
```

```
RESULT 1671
US-09-612-531-24
/ Sequence 24, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
```

FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 24
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)..(5)
OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-24

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1672
US-09-612-531-25

Sequence 25, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkattraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 25
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)..(5)
OTHER INFORMATION: T*=2'-O-GE
US-09-612-531-25

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1673
US-09-142-212A-3

Sequence 3, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John

TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: ISIS4385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (4)
OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-3

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1674
US-09-142-212A-4

Sequence 4, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: ISIS4385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (4)
OTHER INFORMATION: Modified internucleoside linkage
NAME/KEY: misc_feature
LOCATION: (5)
OTHER INFORMATION: A thymidine residue having an alpha-methoxy group
OTHER INFORMATION: present at the 2'-position rather than a hydrogen
OTHER INFORMATION: atom
US-09-142-212A-4

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCT 15

RESULT 1675

```
US-09-142-212A-5
; Sequence 5, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (5)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-5

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCTCT 15

RESULT 1676
US-09-142-212A-6
; Sequence 6, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (1)-(5)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-6

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCTCT 15
```

```
RESULT 1677
US-09-142-212A-9
; Sequence 9, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (5)-(6)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-9

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
Db 1 TTTTCTCTCTCTCTCT 15
```

```
RESULT 1678
US-09-142-212A-13
; Sequence 13, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (4)
; OTHER INFORMATION: A nucleoside unit derived from Compound M
US-09-142-212A-13

Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 277 TCTTCTCTCTCT 291
| | | | | | | | | |
Db 1 TTTTCTCTCTCT 15

RESULT 1679

US-09-349-040A-6
; Sequence 6, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-6

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCT 291
| | | | | | | | | |
Db 1 TTTTCTCTCTCT 15

RESULT 1680
US-09-349-040A-7
; Sequence 7, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-7

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCT 291
| | | | | | | | | |
Db 1 TTTTCTCTCTCT 15

RESULT 1681
US-09-349-040A-8

; Sequence 8, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-8

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCT 291
| | | | | | | | | |
Db 1 TTTTCTCTCTCT 15

RESULT 1682
US-09-753-943D-3
; Sequence 3, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altman, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-3

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCT 291
| | | | | | | | | |
Db 1 TTTTCTCTCTCT 15

RESULT 1683

```
US-09-753-943D-4
; Sequence 4, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5_7_9_11 and 13
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-4
```

```
Query Match      0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1684
US-09-753-943D-6
; Sequence 6, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 1-5_feature
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-6
```

```
Query Match      0.3%; Score 13.4; DB 1; Length 15;
```

```
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1685
US-09-753-943D-7
; Sequence 7, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5-14
; OTHER INFORMATION: 2'-substituted sugar
; NAME/KEY: modified base
; LOCATION: 6_8_10_12_14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-7
```

```
Query Match      0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1686
US-09-753-943D-8
; Sequence 8, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
```



```
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 1-14
; OTHER INFORMATION: 2'-substituted sugar
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-8
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1687
US-09-753-943D-9
; Sequence 9, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5-14
; OTHER INFORMATION: 2'-substituted sugar
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-9
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      277 TCTTCTCTCTCTCT 291
Db      1 TTTTCTCTCTCTCT 15
```

```
RESULT 1688
US-09-753-943D-10/C
; Sequence 10, Application US/09753943D
```

```
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-10
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      277 TCTTCTCTCTCTCT 291
Db      15 TTTTCTCTCTCTCT 1
```

```
RESULT 1689
US-09-753-943D-11/C
; Sequence 11, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 3, 5, 7, 9, 11
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-11
```

```
Query Match          0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 277 TCTTCTCTCTCTCT 291
| | | | | | | | | |
Db 15 TTTTCTCTCTCTCT 1

RESULT 1690
US-09-753-943D-12/c
; Sequence 12, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753, 943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194, 844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 11-14
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-12

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
| | | | | | | | | |
Db 15 TTTTCTCTCTCTCT 1

RESULT 1691
US-09-753-943D-13/c
; Sequence 13, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-20890B/C1
; CURRENT APPLICATION NUMBER: US/09/753, 943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194, 844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized

; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 2-11
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-13

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
| | | | | | | | | |
Db 15 TTTTCTCTCTCTCT 1

RESULT 1692
US-10-294-203-4/c
; Sequence 4, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Matusci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-4

Query Match 0.3%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 277 TCTTCTCTCTCTCT 291
| | | | | | | | | |
Db 15 TTTTCTCTCTCTCT 1

RESULT 1693
US-08-231-227-8/c
; Sequence 8, Application US/08231227
; Patent No. 5631148
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; TITLE OF INVENTION: RIBOZYMES WITH PRODUCT EJECTION BY
; TITLE OF INVENTION: STRAND DISPLACEMENT
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,227
FILING DATE: 22-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldaman, Kenneth M.
REFERENCE/DOCKET NUMBER: 0973.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-231-227-8

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1694
US-08-245-742A-6/c
Sequence 6, Application US/08245742A
Patent No. 5670361
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-8

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-6

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1695
US-08-245-742A-8/c
Sequence 8, Application US/08245742A
Patent No. 5670361
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-8

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1696
US-08-245-742A-9/c
Sequence 9, Application US/08245742A
Patent No. 5670361
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-9

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGACGCGGCA 4301
DB 15 CACACGACGCGGCA 1

RESULT 1697
US-08-245-742A-10/c
Sequence 10, Application US/08245742A
Patent No. 5670361
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-10

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGACGCGGCA 4301
DB 15 CACACGACGCGGCA 1

RESULT 1698
US-08-245-742A-11/c
Sequence 11, Application US/08245742A
Patent No. 5670361
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-5043
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-11

Query Match
Best local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1699
US-08-245-742A-12/C
Sequence 12, Application US/08245742A
Patent No. 5670361
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-5043
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-245-742A-12

Query Match
Best local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1700
US-08-465-483-6/C
Sequence 6, Application US/08465483
Patent No. 5811275
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,483
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,742
FILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-5043
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-465-483-6

Query Match
Best local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1701
US-08-465-483-8/C
; Sequence 8, Application US/08465483
; Patent No. 5811275
; GENERAL INFORMATION:
; APPLICANT: Wong-Staal, Flossie
; APPLICANT: Yu, Mang
; APPLICANT: Yamada, Osamu
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Leavitt, Mark
; APPLICANT: Ho, Anthony
; TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
; TITLE OF INVENTION: and AIDS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Stewart Street Tower
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,483
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/062,465
; FILING DATE: 17-MAY-1993
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/245,742
; FILING DATE: 17-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 2307E-567-11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-465-483-8

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 15 CACACAGACGGGCA 1

RESULT 1702
US-08-465-483-9/C
; Sequence 9, Application US/08465483
; Patent No. 5811275
; GENERAL INFORMATION:
; APPLICANT: Wong-Staal, Flossie
; APPLICANT: Yu, Mang
; APPLICANT: Yamada, Osamu
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Leavitt, Mark
; APPLICANT: Ho, Anthony

; TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
; TITLE OF INVENTION: and AIDS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Stewart Street Tower
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,483
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/062,465
; FILING DATE: 17-MAY-1993
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/245,742
; FILING DATE: 17-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 2307E-567-11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-465-483-9

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 15 CACACAGACGGGCA 1

RESULT 1703
US-08-465-483-10/C
; Sequence 10, Application US/08465483
; Patent No. 5811275
; GENERAL INFORMATION:
; APPLICANT: Wong-Staal, Flossie
; APPLICANT: Yu, Mang
; APPLICANT: Yamada, Osamu
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Leavitt, Mark
; APPLICANT: Ho, Anthony
; TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
; TITLE OF INVENTION: and AIDS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Stewart Street Tower
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,483
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,742
FILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-465-483-10

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGCGGCA 4301
DB 15 CACACAGACGGGCA 1

RESULT 1704
US-08-465-483-11/c
Sequence 11, Application US/08465483
Patent No. 5811275
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,483
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,742

FILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-465-483-11

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGCGGCA 4301
DB 15 CACACAGACGGGCA 1

RESULT 1705
US-08-465-483-12/c
Sequence 12, Application US/08465483
Patent No. 5811275
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,483
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,742
FILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-465-483-12

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACACAGCGGCA 4301
DB 15 CACACACAGCGGCA 1

RESULT 1706
US-08-292-620A-1548
Sequence 1548, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 1548:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1548
Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 9.8e+02;

Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
QY 3552 GAGATGTTGAGAAC 3566
DB 1 GAGCUGUUGAGAAC 15

RESULT 1707
US-08-485-689-56/c
Sequence 56, Application US/08485689
Patent No. 5856188
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CIX/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0526
TELEFAX: 212-278-0526
INFORMATION FOR SEQ. ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-56
Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4287 CACACACAGCGGCA 4301
DB 15 CACACACAGCGGCA 1
RESULT 1708
US-08-485-689-78/c
Sequence 78, Application US/08485689
Patent No. 5856188
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CIX/JPW/KJP
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-78

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGACGGGCA 4301
DB 15 CACACGACGGGCA 1

RESULT 1709
US-08-476-021A-56/c
Sequence 56, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)

US-08-476-021A-56
Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGACGGGCA 4301
DB 15 CACACGACGGGCA 1

RESULT 1710
US-08-476-021A-78/c
Sequence 78, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-476-021A-78

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGACGGGCA 4301
DB 15 CACACGACGGGCA 1

RESULT 1711
US-08-478-608B-56/c
Sequence 56, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas

CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-478-608B-56

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 15 CACACACAGACGGGCA 1

RESULT 1712
US-08-478-608B-78/c
Sequence 78, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Trittz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-478-608B-78

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 15 CACACACAGACGGGCA 1

RESULT 1713
US-08-876-996-6/c
Sequence 6, Application US/08876996
Patent No. 6132962
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/876,996
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,742
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-876-996-6

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 15 CACACACAGACGGGCA 1

RESULT 1714
US-08-876-996-8/c
Sequence 8, Application US/08876996
Patent No. 6132962
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/876,996
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,742
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-876-996-8

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1715
US-08-876-996-9/c
Sequence 9, Application US/08876996
Patent No. 6132962
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/876,996
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,742
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-876-996-9

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1716
US-08-876-996-10/c
Sequence 10, Application US/08876996
Patent No. 6132962
GENERAL INFORMATION:
APPLICANT: Wong-Staal, Flossie
APPLICANT: Yu, Mang
APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/876,996
FILING DATE:
CLASSIFICATION:

/ Sequence 1548, Application US/09071845
/ Patent No. 6132967
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1548:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-071-845-1548

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 9.8e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3552 GAGATGTTGAGAAC 3566
DB 1 GAGCUGUUGAGAAC 15

RESULT 1720
US-08-476-423A-56/c
/ Sequence 56, Application US/08476423A
/ Patent No. 6221661
/ GENERAL INFORMATION:
/ APPLICANT: Hampel, Arnold E.
/ APPLICANT: Tritz, Richard H.
/ TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
/ NUMBER OF SEQUENCES: 90

/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham LLP
/ STREET: 1185 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States Of America
/ ZIP: 10036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/476,423A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P.
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-278-0526
/ TELEFAX: 212-278-0526
/ MOLECULE TYPE: RNA (genomic)
/ US-08-476-423A-56

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGCA 4301
DB 15 CACACGACGAGGCA 1

RESULT 1721
US-08-476-423A-78/c
/ Sequence 78, Application US/08476423A
/ Patent No. 6221661
/ GENERAL INFORMATION:
/ APPLICANT: Hampel, Arnold E.
/ APPLICANT: Tritz, Richard H.
/ TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
/ NUMBER OF SEQUENCES: 90
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham LLP
/ STREET: 1185 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States Of America
/ ZIP: 10036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/476,423A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P.
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-278-0526
/ TELEFAX: 212-278-0526

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/ INFORMATION FOR SEQ ID NO: 78:
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 16 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/ MOLECULE TYPE: RNA (genomic)
US-08-476-423A-78

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 15 CACACACAGACGGGCA 1

RESULT 1722
US-09-394-457C-4/C
/ Sequence 4, Application US/09394457C
/ Patent No. 6440705
/ GENERAL INFORMATION:
/ APPLICANT: Variagenics, Inc.
/ TITLE OF INVENTION: A Method for Analyzing Polynucleotides
/ FILE REFERENCE: 246/020
/ CURRENT APPLICATION NUMBER: US/09/394,457C
/ CURRENT FILING DATE: 1999-09-10
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Hypothetical sequence to demonstrate application.
US-09-394-457C-4

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4137 GACCTCTCCGGGA 4151
DB 16 GACCTCTTCCGGGA 2

RESULT 1723
US-09-709-596A-4/C
/ Sequence 4, Application US/09709596A
/ Patent No. 6458945
/ GENERAL INFORMATION:
/ APPLICANT: Variagenics, Inc.
/ TITLE OF INVENTION: A Method for Analyzing Polynucleotides
/ FILE REFERENCE: 258/239
/ CURRENT APPLICATION NUMBER: US/09/709,596A
/ CURRENT FILING DATE: 2002-02-21
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Hypothetical sequence to demonstrate application.
US-09-709-596A-4

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4137 GACCTCTCCGGGA 4151
DB 16 GACCTCTTCCGGGA 2
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DB 16 GACCTCTTCCGGGA 2

RESULT 1724
US-09-655-104A-4/C
/ Sequence 4, Application US/09655104A
/ Patent No. 6500650
/ GENERAL INFORMATION:
/ APPLICANT: Variagenics, Inc.
/ TITLE OF INVENTION: A Method for Identifying Polymorphisms
/ FILE REFERENCE: 257/078
/ CURRENT APPLICATION NUMBER: US/09/655,104A
/ CURRENT FILING DATE: 2000-09-05
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Hypothetical sequence to demonstrate application.
US-09-655-104A-4

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4137 GACCTCTCCGGGA 4151
DB 16 GACCTCTTCCGGGA 2

RESULT 1725
US-09-394-467-4/C
/ Sequence 4, Application US/09394467
/ Patent No. 6566059
/ GENERAL INFORMATION:
/ APPLICANT: Variagenics, Inc.
/ TITLE OF INVENTION: A Method for Analyzing Polynucleotides
/ FILE REFERENCE: 245/287
/ CURRENT APPLICATION NUMBER: US/09/394,467
/ CURRENT FILING DATE: 1999-09-10
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Used to demonstrate how indicated aspect of invention works.
US-09-394-467-4

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4137 GACCTCTCCGGGA 4151
DB 16 GACCTCTTCCGGGA 2

RESULT 1726
US-09-371-772B-7005
/ Sequence 7005, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
```


RESULT 1731
PCT-US94-05700-6/c
Sequence 6, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BERLINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555-209
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-05700-6

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1732
PCT-US94-05700-8/c
Sequence 8, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BERLINER, ROBERT
REGISTRATION NUMBER: 20,121

REFERENCE/DOCKET NUMBER: 5555-209
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-05700-8

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1733
PCT-US94-05700-9/c
Sequence 9, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BERLINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555-209
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-05700-9

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1734
PCT-US94-05700-10/c
Sequence 10, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BERLINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555-209
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-05700-10

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1735
PCT-US94-05700-11/c
Sequence 11, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BERLINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555-209
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-05700-11

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1736
PCT-US94-05700-12/c
Sequence 12, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: BERLINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555-209
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US94-05700-12

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACGAGCGGCA 4301
DB 15 CACACGAGCGGCA 1

RESULT 1737
PCT-US95-04632-8/c
Sequence 8, Application PC/TUS9504632
GENERAL INFORMATION:
APPLICANT: CHIRON CORPORATION
TITLE OF INVENTION: RIBOZYMES WITH PRODUCT EJECTION BY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation

STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04632
FILING DATE: 14-Apr-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Kenneth M.
REFERENCE/DOCKET NUMBER: 0973.100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
PCT-US95-04632-8

Query Match 0.3%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 9.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4287 CACACGACGGGCA 4301
Db 15 CACACGACGGGCA 1

RESULT 1738
US-08-055-390-112/C
Sequence 12, Application US/08055390
Patent No. 5500357
GENERAL INFORMATION:
APPLICANT: TAIRA, KAZUNARI
APPLICANT: NISHIKAWA, SATOSHI
APPLICANT: MAEDA, HIDEKATSU
TITLE OF INVENTION: NOVEL RNA TRANSCRIPTION SYSTEM USING
TITLE OF INVENTION: NOVEL RIBOZYME
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/055,390
FILING DATE: 19930503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5500357man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 163-527-0 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: RNA (genomic)
US-08-055-390-112

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4287 CACACGACGGGCA 4301
Db 16 CACACGACGGGCA 2

RESULT 1739
US-08-758-306-1023/C
Sequence 1023, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Scinichcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1023:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-1023

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2413 AGGAGAAATCAGCT 2427
Db 16 AGGAGAAATCAGCT 2

RESULT 1740
US-08-758-306-1025/C
; Sequence 1025, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fastseq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1025:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-1025

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2413 AGGAGAAATCAGCT 2427
Db 15 AGGAGAAATCAGCT 1

RESULT 1741
US-08-758-306-1203/C
; Sequence 1203, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1025:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-1203

; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fastseq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-1203

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4174 CAGCTTCCTATGCA 4188
Db 17 CAGCTTCGATGCA 3

RESULT 1742
US-08-635-820A-2
; Sequence 2, Application US/08635820A
; Patent No. 5817462
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FO
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchtree lane
; CITY: Silver Spring
; STATE: Maryland
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: word for windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/635,820A
FILING DATE: 22-Apr-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/107,673
FILING DATE: 18-Aug-93
APPLICATION NUMBER: 08/392,019
FILING DATE: 21-Feb-95
APPLICATION NUMBER: 08/571,047
FILING DATE: 12-Dec-95
APPLICATION NUMBER: 08/575,191
FILING DATE: 20-Dec-95
ATTORNEY/AGENT INFORMATION:
NAME: Friedmann, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 205/15
TELEPHONE: 972-3-562553
TELEFAX: 972-3-562554
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-635-820A-2

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4999 TGCTCTCAGCCTCG 5013
|||||
2 TGCACTCCAGCCTCG 16

Db

RESULT 1743
US-08-483-464-1
Sequence 1, Application US/08483464
Patent No. 5877160
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle John, Jr.
APPLICANT: Harper, Mary Ellen
APPLICANT: Woolf, Tod Mitchell
TITLE OF INVENTION: COMPOSITION AND METHODS OF
TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE
TITLE OF INVENTION: OLIGOMERS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,464
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/019,543
FILING DATE: 19-FEB-1993
APPLICATION NUMBER: 07/707,879
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 09596/001001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
TELEFAX: 619-678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-483-464-1

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTC 278
|||||
3 CCCCACCTCTCTCTC 17

Db

RESULT 1744
US-08-483-464-5/C
Sequence 5, Application US/08483464
Patent No. 5877160
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle John, Jr.
APPLICANT: Harper, Mary Ellen
APPLICANT: Woolf, Tod Mitchell
TITLE OF INVENTION: COMPOSITION AND METHODS OF
TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE
TITLE OF INVENTION: OLIGOMERS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,464
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/019,543
FILING DATE: 19-FEB-1993
APPLICATION NUMBER: 07/707,879
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09596/001001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
TELEFAX: 619-678-5099
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-483-464-5

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 264 CCCCCCTCTCTC 278
Db 15 CCCCCCTCTCTC 1

RESULT 1745

US-08-985-162-541/c
; Sequence 541, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 541:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-541

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2533 TCCTCTGAGACTT 2547
Db 16 TCCTCTGAGACTT 2

RESULT 1746
US-09-100-104-2
; Sequence 2, Application US/09100104
; Patent No. 6066459
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE
; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND
; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING

NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:

ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America

ZIP: 22202
COMPUTER READABLE FORM:

MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead Slimote-890TX

OPERATING SYSTEM: MS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.11

SOFTWARE: Word for Windows version 2.0
SOFTWARE: converted to ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/100,104
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/107,673

FILING DATE: 18-Aug-93
APPLICATION NUMBER: 08/392,019

FILING DATE: 21-Feb-95
APPLICATION NUMBER: 08/571,047

FILING DATE: 12-Dec-95
APPLICATION NUMBER: 08/575,191

FILING DATE: 20-Dec-95
APPLICATION NUMBER: 08/635,820

FILING DATE: 22-Apr-1996
ATTORNEY/AGENT INFORMATION:

NAME: Friedmann, Mark M.
REGISTRATION NUMBER: 33,883

REFERENCE/DOCKET NUMBER: 205/15
TELECOMMUNICATION INFORMATION:

TELEPHONE: 972-3-5625553
TELEFAX: 972-3-5625554

TELEX:
INFORMATION FOR SEQ. ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 17

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-09-100-104-2

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4999 TGCTTCAGCTGG 5013
Db 2 TGCACTCAGCTCG 16

RESULT 1747

US-08-584-040-3911
; Sequence 3911, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3911:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3911

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 33.3%; Pred. No. 1.1e+03;
Matches 5; Conservative 9; Mismatches 1; Indels 0; Gaps 0;
Qy 5136 CCTATGTCCTTT 5150
Db 1 CCUUUGUCUUU 15

RESULT 1748
US-08-584-040-7679
Sequence 7679, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLES OF INVENTION: TREATMENT OF DISEASES OR
TITLES OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF INVENTIONS: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7679:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7679

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy 1515 GACAGTCTACAGC 1529
Db 1 GACAGGUCUACAGC 15

RESULT 1749
US-09-474-432B-391
Sequence 391, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adams, Jasenka
APPLICANT: Sweedler, David
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
PRIOR FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 391
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-391

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.1e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
Qy 673 GAATTCGCCAATG 687
Db 2 GAUUCUGACAUUG 16

```
RESULT 1750
US-09-474-432B-881/C
; Sequence 881, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-881

Query Match      0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4204 GGAAGGGCTAGCT 4218
DB      17 GGAAGGGCCAGCT 3

RESULT 1751
US-09-371-772B-1678
; Sequence 1678, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1678

Query Match      0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 33.3%; Pred. No. 1.1e+03;
Matches 5; Conservative 9; Mismatches 1; Indels 0; Gaps 0;
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QY      5136 CCTATGTCCTTT 5150
DB      1 CCUUUGUUCUUUU 15

RESULT 1752
US-09-371-772B-3464
; Sequence 3464, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3464
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3464

Query Match      0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1515 GACAGTCTACAGC 1529
DB      1 GACAGGUCUACAGC 15

RESULT 1753
US-09-476-387-390
; Sequence 390, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MHB00-831-C (249/072)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: US/09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 390
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-390
```



```
RESULT 1757
US-09-827-998-286
; Sequence 286, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MPMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 286
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-286

Query Match      0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1638 GACTCCAAAAAGACA 1652
Db      2 GACTACAAAAAGACA 16

RESULT 1758
US-09-827-998-287
; Sequence 287, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MPMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 287
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-287

Query Match      0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1638 GACTCCAAAAAGACA 1652
Db      1 GACTACAAAAAGACA 15

RESULT 1759
US-09-747-391-91/c
; Sequence 91, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
```

```
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCyt, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-91

Query Match      0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      585 GACGGAGCTTCTC 599
Db      16 GACGGGCGCTTCTC 2

RESULT 1760
US-09-866-108A-1349
; Sequence 1349, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1349

Query Match      0.3%; Score 13.4; DB 1; Length 17;
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Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 775 AGGAAACATGGGCG 789
|||||
Db 1 AGGAAACATGGGCG 15

RESULT 1761

US-09-866-108A-1533
Sequence 1533 Application US/09866108A

Patent No. 6686188
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188
SEQ ID NO 1533

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-1533

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 783 ATGGGCTGTGTCAC 797
|||||
Db 3 ATGGGCTGTGTCAC 17

RESULT 1762

US-09-866-108A-1534

Sequence 1534 Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188
SEQ ID NO 1534

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-1534

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 783 ATGGGCTGTGTCAC 797
|||||
Db 2 ATGGGCTGTGTCAC 16

RESULT 1763

US-09-866-108A-1535
Sequence 1535 Application US/09866108A

Patent No. 6686188
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1535
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1535

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      783 ATGGGCTGTGAC 797
Db      1 ATGGGCTGTGACCC 15

RESULT 1764
US-09-866-108A-6323
; Sequence 6323, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6323
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6323
```

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Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3370 GGCCTGCAGAGGAG 3384
Db      3 GGCCTGCAGAGGAG 17

RESULT 1765
US-09-866-108A-6324
; Sequence 6324, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6324
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6324

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3370 GGCCTGCAGAGGAG 3384
Db      2 GGCCTGCAGAGGAG 16

RESULT 1766
US-09-866-108A-6325
; Sequence 6325, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
```

```
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6325
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6325

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3370 GGCCTTCGACGAGGAG 3384
DB      1 GGCCTTCGACGAGGAG 15

RESULT 1767
US-09-866-108A-6702/c
/ Sequence 6702, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6705
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6705
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6702
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6702

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      83 CTTCTTCGACGAGTGC 97
DB      17 CTTCTTCGACGAGTGC 3

RESULT 1768
US-09-866-108A-6705/c
/ Sequence 6705, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6705
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6705
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Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 82 GCTTCTTCAGAGTG 96
Db 15 GCTTCTTCAGAGTG 1

RESULT 1769
US-09-866-108A-7084
; Sequence 7084, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7084
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7084

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 550 CCAAGCGGAGAGGC 564
Db 3 CCAAGCGGAGAGGC 17

RESULT 1770
US-09-866-108A-7087
; Sequence 7087, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7087
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7087

APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7087
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7087

Query Match 0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 551 CCAAGCGGAGAGCT 565
Db 1 CCAAGCGGAGAGCT 15

RESULT 1771
US-09-866-108A-8196/C
; Sequence 8196, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7087
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8196/C

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/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8196
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8196

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3875 CAGCCTTCAGATC 3889
Db      17 CAGCCTTCAGATC 3

RESULT 1772
US-09-866-108A-8203/c
/ Sequence 8203, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8203
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
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US-09-866-108A-8203

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3870 CCCATCAGCCTTC 3884
Db      15 CCGATCAGCCTTC 1

RESULT 1773
US-09-866-108A-8276
/ Sequence 8276, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8276
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8276

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      846 CCTGAGAGACACA 860
Db      3 CCTGAGAGACACA 17

RESULT 1774
US-09-866-108A-8277
/ Sequence 8277, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
```

```
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8277
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8277

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 846 CCTGAGAGACACA 860
DB 2 CCTGAGAGACACA 16

RESULT 1775
US-09-866-108A-8278
Sequence 8278, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8653
LENGTH: 17
TYPE: DNA
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8278
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8278

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 846 CCTGAGAGACACA 860
DB 1 CCTGAGAGACACA 15

RESULT 1776
US-09-866-108A-8653
Sequence 8653, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8653
LENGTH: 17
TYPE: DNA
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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9176
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9176

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3927 CGCGCCGCTGCTGCCA 3941
Db      17 CGCGCCGCTGCTGCCA 3

RESULT 1780
US-09-866-108A-9177/c
; Sequence 9177, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9177
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9177

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3927 CGCGCCGCTGCTGCCA 3941
Db      16 CGCGCCGCTGCTGCCA 2

RESULT 1781
US-09-866-108A-9178/c
; Sequence 9178, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9178
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9178

Query Match          0.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3927 CGCGCCGCTGCTGCCA 3941
Db      15 CGCGCCGCTGCTGCCA 1

RESULT 1782
US-09-866-108A-10447
; Sequence 10447, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
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; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10447
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10447

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3615 GACCAGGATCCCC 3629
DB 3 GACCAGGATCCCCAC 17

RESULT 1783
US-09-866-108A-10448
; Sequence 10448, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10448
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10448

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3615 GACCAGGATCCCC 3629
DB 2 GACCAGGATCCCCAC 16

RESULT 1784
US-09-763-590-25/c
; Sequence 25, Application US/09763590
; Patent No. 6740750
; GENERAL INFORMATION:
; APPLICANT: TAIRA, KAZUNARI
; APPLICANT: OHKAWA, JUN
; APPLICANT: KOSEKI, SHIORI
; TITLE OF INVENTION: EXPRESSION SYSTEMS FOR TRANSCRIPTION OF FUNCTIONAL
; FILE REFERENCE: 04853.0059-00000
; CURRENT APPLICATION NUMBER: US/09/763,590
; CURRENT FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: PCT/JP99/04718
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: JP 10/244755
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Substrate RNA
; OTHER INFORMATION: corresponds to nucleotides 500-711 of pNL 432.
; OTHER INFORMATION: namely the US region of HIV-1 RNA
US-09-763-590-25

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACAGAGCGGCA 4301
DB 16 CACACAGAGCGGCA 2

RESULT 1785
US-07-999-280A-19
; Sequence 19, Application US/07999280A
```

```
; Patent No. 5573930
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/999,280A
; FILING DATE: 28-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681.007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
;
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-999-280A-19
;
; Query Match      0.3%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 1.2e+03;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY      1561 AGAATTCTGATA 1575
; Db      3 AGAATTCTGATA 17
;
; RESULT 1786
; US-08-375-116A-135
; Sequence 135, Application US/08375116A
; Patent No. 5631146
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Huizenga, David E.
; TITLE OF INVENTION: DNA APARTERS AND CATALYSTS THAT BIND
; TITLE OF INVENTION: ADENOSINE AND/OR ADENOSINE-5'-PHOSPHATES AND METHODS FOR
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/375,116A
; FILING DATE: 19-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/266001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 961(7) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-375-116A-135
;
; Query Match      0.3%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 1.2e+03;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY      5100 CCTGGTATTAGGA 5114
; Db      1 CCTGGTATTAGGA 15
;
; RESULT 1787
; US-08-426-036-19
; Sequence 19, Application US/08426036
; Patent No. 5643563
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,036
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681.014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-426-036-19

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1561 AGAATTCTGATA 1575
DB 3 AGAGTTCTGATA 17

RESULT 1788
US-07-976-103A-11
; Sequence 11, Application US/07976103A
; Patent No. 5645985
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/976,103A
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-976-103A-11

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTTCTC 284
DB 2 CTCCTCTCTTCTTTC 16

RESULT 1789
US-08-426-279-19
; Sequence 19, Application US/08426279
```

```

; Patent No. 5672343
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CITRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,279
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681.013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-426-279-19

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1561 AGAATTCTGATA 1575
DB 3 AGAGTTCTGATA 17

RESULT 1790
US-08-403-634-25
; Sequence 25, Application US/08403634
; Patent No. 5674748
; GENERAL INFORMATION:
; APPLICANT: Giordano, Antonio
; TITLE OF INVENTION: NOVEL HUMAN CYCLIN-DEPENDENT
; TITLE OF INVENTION: KINASE-LIKE PROTEINS AND METHODS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,634
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/208,575
FILING DATE: 08-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1482
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-403-634-25

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3174 CCCATGACGACGTGG 3188
DB 2 CCCAAGACGACGTGG 16

RESULT 1791
US-08-401-013-19
Sequence 19, Application US/08401013
Patent No. 5681719
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENEBERG, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,013
FILING DATE: 08-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,280
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.007
TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-401-013-19

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1561 AGAATTTCTGAATA 1575
DB 3 AGAAGTTCTGAATA 17

RESULT 1792
US-08-363-585-74/c
Sequence 74, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As the Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Cohen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasaizuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: technique

JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 74: 1 to 18
US-08-363-585-74

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4966 TAGAGAGCTTTCG 4980
16 TAGAGAGCTTTCG 2

RESULT 1793
US-08-245-295-20
Sequence 20, Application US/08245295
Patent No. 5700658

GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
TITLE OF INVENTION: ICM-4 Materials and Methods
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive, Suite 6300
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,295
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,669
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Borun, Michael F.
REGISTRATION NUMBER: 25,447
REFERENCE/DOCKET NUMBER: 27866/32055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-245-295-20

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4626 AGTGACACAGGCTCG 4642
2 ARGGTGACACAGGCTCG 18

RESULT 1794
US-08-481-130-20
Sequence 20, Application US/08481130
Patent No. 5702917

GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
TITLE OF INVENTION: ICM-4 Materials and Methods
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive, 6300 Sears Tower
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,130
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,295
FILING DATE: 18-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, JR. JOSEPH A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/32713
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-481-130-20

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4626 AGTGACACAAGGCTCG 4642
|: |||||
Db 2 ARGGTGACAAGGCTCG 18

RESULT 1795
US-08-656-984A-20
Sequence 20. Application US/08656984A
Patent No. 5753502
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Kilgannon, Patrick D.
TITLE OF INVENTION: ICAM-4 Materials and Methods
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive, 6300 Sears Tower
City: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,984A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,295
FILING DATE: 18-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,604
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, JR. JOSEPH A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/33321
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-656-984A-20

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 4626 AGTGACACAAGGCTCG 4642

Db 4626 AGTGACACAAGGCTCG 18
|: |||||
2 ARGGTGACAAGGCTCG 18

RESULT 1796
US-08-485-604-20
Sequence 20. Application US/08485604
Patent No. 5773293
GENERAL INFORMATION:
APPLICANT: W.P. Michael
APPLICANT: Kilgannon, Patrick D.
TITLE OF INVENTION: ICAM-4 Materials and Methods
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive, 6300 Sears Tower
City: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,604
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,295
FILING DATE: 18-MAY-1994
PRIOR APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, JR. JOSEPH A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/32715
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-485-604-20

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 4626 AGTGACACAAGGCTCG 4642
|: |||||
Db 2 ARGGTGACAAGGCTCG 18

RESULT 1797
US-08-473-481-11
Sequence 11, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: MAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-11

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTTCTCTCTTTC 284
|||||
DB 2 CTTCTCTCTTTC 16

RESULT 1798
US-08-229-528-22/c
Sequence 22, Application US/08229528
Patent No. 5837447
GENERAL INFORMATION:
APPLICANT: GORSKI, JACK
TITLE OF INVENTION: MONITORING AN IMMUNE RESPONSE BY ANALYSIS OF AMPLIFIED IMMUNO
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: P. O. Box 1497
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53701-1497
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS 3.3
SOFTWARE: Wordperfect, Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/229,528
FILING DATE: 18-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/868,569
FILING DATE: 15-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Scanlon, William J.
REGISTRATION NUMBER: 30,136
REFERENCE/DOCKET NUMBER: 30383/133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 258-4284
TELEFAX: (608) 258-4258
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA oligonucleotide
US-08-229-528-22

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 GGTTCGTGAGCAG 1520
|||||
DB 15 GGTTCGTGAGCAG 1

RESULT 1799
US-08-117-952-532
Sequence 532, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-6737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 532:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-532

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 322 CTCGGCAGCTCAGTT 336
DB 3 CACCGCAGCTCAGTT 17

RESULT 1800
US-08-487-595-20
Sequence 20, Application US/08487595
Patent No. 5852170
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Kilgannon, Patrick D.
TITLE OF INVENTION: ICM-4 Materials and Methods
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive, 6300 Sears Tower
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,595
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266

FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,295
FILING DATE: 18-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, JR. JOSEPH A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/32714
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-487-595-20

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4626 AGTGACCAAGGCTCG 4642
DB 2 AAGTGACCAAGGCTCG 18

RESULT 1801
US-08-585-684B-2720
Sequence 2720, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2720:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-6848-2720

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.2e+03;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1305 AGCCCACTGACAGC 1319
Db 4 AGCCGACGACAGC 18

RESULT 1802
US-08-897-340-30
; Sequence 30, Application US/08897340
; Patent No. 5955306
; GENERAL INFORMATION:
; APPLICANT: Gimeno, Carlos J. and Errada, Patrick, R.
; TITLE OF INVENTION: Weight Control Pathway Genes and Uses
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/897,340
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/715,032
; FILING DATE: 17-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Silveri, Jean M.
; REGISTRATION NUMBER: 39,030
; REFERENCE/DOCKET NUMBER: NMI-005CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-897-340-30

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1597 CAGAGAAGGAGAGA 1611
Db 2 CAGCGAAGGAGAGA 16

RESULT 1803
US-09-205-921-32/C
; Sequence 32, Application US/09205921A

; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-32

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTCTCTCTTCT 283
Db 18 CCTCTCTCTTCT 4

RESULT 1804
US-09-165-543-24
; Sequence 24, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Gluckman
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: NMI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-09-165-543-24

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 68 GCCGTAGCCGANG 82
| | | | | | | | | |
Db 1 GCCGTGCGGCGANG 15

RESULT 1805
US-08-426-570-19
; Sequence 19, Application US/08426570
; Patent No. 6103224
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,570
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681,012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-426-570-19
Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1561 AGAATTTCGAATA 1575
| | | | | | | | | |
Db 3 AGAATTTCGAATA 17

RESULT 1806
US-09-280-409-115
; Sequence 115, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29

NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-115
Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 5197 TGAATGAGAGGGA 5211
| | | | | | | | | |
Db 1 TGAATGAGAGGGA 15

RESULT 1807
US-08-425-876-19
; Sequence 19, Application US/08425876
; Patent No. 6117422
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/425,876
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-425-876-19
Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1561 AGAATTTCGAATA 1575
| | | | | | | | | |
Db 3 AGAATTTCGAATA 17

RESULT 1808
US-08-426-243-19
; Sequence 19, Application US/08426243
; Patent No. 6146851
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,243
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/999,280
; FILING DATE: 28-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681.007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-426-243-19
Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1561 AGAATTTCGATA 1575
DB 3 AGAAGTTTCGATA 17
RESULT 1809
US-09-252-329-30
; Sequence 30, Application US/09252329
; Patent No. 6147192
; GENERAL INFORMATION:
; APPLICANT: Gimeno, Carlos J. and Errada, Patrick, R.
; TITLE OF INVENTION: Weight Control Pathway Genes and Uses
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHYE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston

STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/252,329
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/897,340
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Silveri, Jean M.
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: MNI-005CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-252-329-30
Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1597 CAGAGAGGAGAAGA 1611
DB 2 CAGCGAAGGAGAAGA 16
RESULT 1810
US-09-213-719-17/C
; Sequence 17, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-17
Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4180 CCTATGCAAGGCTTT 4194
DB 16 CCTCTGCAAGGCTTT 2
RESULT 1811
US-08-913-441B-25
; Sequence 25, Application US/08913441B
; Patent No. 6162612

GENERAL INFORMATION:
APPLICANT: Giordano, Antonio
TITLE OF INVENTION: No. 6162612el Human Cyclin-Dependent Kinase-Like Proteins and
FILE REFERENCE: 8321-76 C11
CURRENT APPLICATION NUMBER: US/08/913,441B
CURRENT FILING DATE: 1997-12-02
PRIOR APPLICATION NUMBER: 08/403,634
PRIOR FILING DATE: 1995-03-14
PRIOR APPLICATION NUMBER: PCT/US96/03557
PRIOR FILING DATE: 1996-03-14
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-08-913-441B-25

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3174 CCCATGACGACGTGG 3188
DB 2 CCCAAGACGACGTGG 16

RESULT 1812
US-09-038-073-2720
Sequence 2720, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburd, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2720:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2720

Query Match
Best Local Similarity 86.7%; Score 13.4; DB 1; Length 18;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1305 AGCCACTGACACG 1319
DB 4 AGCCGACGACACG 18

RESULT 1813
US-08-401-632-19
Sequence 19, Application US/08401632
Patent No. 6204020
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,632
FILING DATE: 08-MAR-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681,009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-401-632-19

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1561 AGAATTCTCGAATA 1575
DB 3 AGAAGTTCTGAATA 17

RESULT 1814
US-09-102-528-17/C
Sequence 17, Application US/09102528

Patent No. 6207883
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: DNA Sequences
NUMBER OF SEQUENCES: 32
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/102,528
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB96/03191
FILING DATE:
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-102-528-17

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 ATCAGCAGCAGCAG 2339
Db 15 ATCAGCAGCAGCAG 1

RESULT 1815
US-09-025-819-27/c
Sequence 27, Application US/09025819
Patent No. 6225097
GENERAL INFORMATION:
APPLICANT: Obata, Shusei
APPLICANT: Nishino, Tokuzo
APPLICANT: Koyama, Tanetoshi
TITLE OF INVENTION: DECAPRENYL DIPHOSPHATE SYNTHETASE GENE
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: KENYON & KENYON
STREET: 1500 K Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,819
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 251675
FILING DATE: 17-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Khalilian, Hourii
REGISTRATION NUMBER: 39,546
REFERENCE/DOCKET NUMBER: 10235/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-220-4200
TELEFAX: 202-220-4201
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-09-025-819-27

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3950 CCCGCGGCTGCTGCA 3964
Db 16 CCCGCGGCTGCTGCA 2

RESULT 1816
US-08-338-352-12
Sequence 12, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: PROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
TITLE OF INVENTION: PYRIMIDINES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORRESTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MORASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TEDEX: 706141
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-338-352-12

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTTTTCTC 284
Db 2 CTCCTCTCTTTTCTC 16

RESULT 1817

US-09-630-706-20
; Sequence 20, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-20

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 192 CAGGAAGAGAGGCG 206
DB 3 CAGGAAGAGAGGCTC 17

RESULT 1818
US-08-584-040-6218
; Sequence 6218, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6218:

SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-6218

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 3776 ATCCTCTGCCGAGG 3790
DB 1 AUCCTCTGCCGAGG 15

RESULT 1819
US-08-584-040-8356/c
; Sequence 8356, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8356:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8356

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3445 CAGCAACCGGGGTC 3459

Db 15 CAGCAACCGGGGCC 1

RESULT 1820

US-08-584-040-8375
Sequence 8375, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 8375:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-8375

Query Match 0.3%; Score 13.4; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. No. 1.2e+03;

Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 3159 CTCACGAGCCGAC 3173

Db 1 CUCACGAGCCGAC 15

RESULT 1821

US-09-569-648-7

Sequence 7, Application US/09569648

Patent No. 6380212

GENERAL INFORMATION:

APPLICANT: APPELBAUM, PETER C.

APPLICANT: CREDITO, KIM L.

APPLICANT: DAVIES, TODD

APPLICANT: HOELLMAN, DIANE B.

APPLICANT: JACOBS, MICHAEL R.

APPLICANT: KELLY, LINDA M.

APPLICANT: PANKUCH, GLENN A.

TITLE OF INVENTION: METHODS OF USE OF QUINOLONE COMPOUNDS

TITLE OF INVENTION: AGAINST PNEUMOCOCCAL AND HAEMOPHILUS BACTERIA

FILE REFERENCE: P50954-1

CURRENT APPLICATION NUMBER: US/09/569,648

CURRENT FILING DATE: 2000-05-12

PRIOR APPLICATION NUMBER: 09/399,657

PRIOR FILING DATE: 1999-09-21

PRIOR APPLICATION NUMBER: 09/399,661

PRIOR FILING DATE: 1999-09-21

PRIOR APPLICATION NUMBER: 09/399,662

PRIOR FILING DATE: 1999-09-21

PRIOR APPLICATION NUMBER: 60/141,456

PRIOR FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: 60/142,729

PRIOR FILING DATE: 1999-07-08

PRIOR APPLICATION NUMBER: 60/142,725

PRIOR FILING DATE: 1999-07-08

NUMBER OF SEQ ID NOS: 8

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 7

LENGTH: 18

TYPE: DNA

ORGANISM: Haemophilus influenzae

US-09-569-648-7

Query Match 0.3%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 1.2e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1535 GAAATCGTCGAGCT 1549

Db 2 GAAATCGTCGAGAT 16

RESULT 1822

US-08-599-738A-11

Sequence 11, Application US/08599738A

Patent No. 6380358

GENERAL INFORMATION:

APPLICANT: FROEHLER, BRIAN

APPLICANT: WAGNER, RICK

APPLICANT: MATTEUCI, MARK

APPLICANT: JONES, ROBERT J.

APPLICANT: GUTIERREZ, ARNOLD J.

APPLICANT: PUDDLO, JEFF

TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive

CITY: Foster City

STATE: California

COUNTRY: USA

ZIP: 94404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/599,738A

FILING DATE: 12-FEB-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/473,481

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-11

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTC 284
DB 2 CTCTCTCTCTCTTTC 16

RESULT 1823
US-09-015-188-15
Sequence 15, Application US/09015188C
Patent No. 6399358
GENERAL INFORMATION:
APPLICANT: Williams, Kevin J
TITLE OF INVENTION: A Human Gene Encoding Human Chondroitin
TITLE OF INVENTION: 6-Sulfotransferase
FILE REFERENCE: JEPF-0231
CURRENT APPLICATION NUMBER: US/09/015,188C
CURRENT FILING DATE: 1998-01-29
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-015-188-15

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3672 ATCTGTGCGCCAGC 3686
DB 3 ATCTGTGCGCCAGC 17

RESULT 1824
US-09-808-126-27/c
Sequence 27, Application US/09808126
Patent No. 6410280
GENERAL INFORMATION:
APPLICANT: Obata, Shusei
Nishino, Tokuzo
Koyama, Tanetoshi
Sato, Yoshihiro
TITLE OF INVENTION: DECAPRENYL DIPHOSPHATE SYNTHETASE GENE
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: KENYON & KENYON
STREET: 1500 K Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/808,126
FILING DATE: 08-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/025,819
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Khalilian, Hourl
REGISTRATION NUMBER: 39,546
REFERENCE/DOCKET NUMBER: 10235/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-220-4200
TELEFAX: 202-220-4201
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-808-126-27

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3950 CCCGGCGGTGCTGCA 3964
DB 16 CCCGGCGGTGACAGA 2

RESULT 1825
US-09-803-951-27/c
Sequence 27, Application US/09803951
Patent No. 6413761
GENERAL INFORMATION:
APPLICANT: Obata, Shusei
Nishino, Tokuzo
Koyama, Tanetoshi
Sato, Yoshihiro
TITLE OF INVENTION: DECAPRENYL DIPHOSPHATE SYNTHETASE GENE
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: KENYON & KENYON
STREET: 1500 K Street, N.W.

```
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/803,951
/ FILING DATE: 13-Mar-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/025,819
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Khalilian, Hourii
/ REGISTRATION NUMBER: 39,546
/ REFERENCE/DOCKET NUMBER: 10235/2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-220-4200
/ TELEFAX: 202-220-4201
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "synthetic DNA"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-803-951-27

Query Match          0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3950 CCCGGCGGTGTCGA 3964
Db      16 CCCGGCGGTGTCGA 2

RESULT 1826
US-08-744-481A-33/c
/ Sequence 33, Application US/08744481A
/ Patent No. 6428955
/ GENERAL INFORMATION:
/ APPLICANT: K ster, Hubert
/ TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
/ NUMBER OF SEQUENCES: 55
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: HELLER EHRMAN WHITE & MCANULIFFE
/ STREET: 4250 Executive Square, Suite 700
/ CITY: La Jolla
/ STATE: California
/ COUNTRY: USA
/ ZIP: 92037-9103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/744,481A
/ FILING DATE: No. 6428955ember 6, 1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/617,256
/ FILING DATE: March 18, 1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Seidman, Stephanie L.
/ REGISTRATION NUMBER: 33,779
```

```
/ REFERENCE/DOCKET NUMBER: 24736-2004
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 450-8400
/ TELEFAX: (617) 587-5360
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-744-481A-33

Query Match          0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1590 GTGGAAACGAGAG 1604
Db      15 GTGGAGACGAGAG 1

RESULT 1827
US-09-328-174A-43
/ Sequence 43, Application US/09328174A
/ Patent No. 6448003
/ GENERAL INFORMATION:
/ APPLICANT: Guida, Marco
/ APPLICANT: Kurth, Janice
/ TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
/ FILE REFERENCE: (STP2)
/ FILE REFERENCE: 4389-6 (formerly SEQ-16P)
/ CURRENT APPLICATION NUMBER: US/09/328,174A
/ CURRENT FILING DATE: 1999-06-08
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: 09/328,174
/ NUMBER OF SEQ ID NOS: 110
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 43
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: H. sapiens
US-09-328-174A-43

Query Match          0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5026 GTGGCCTCTTGTT 5040
Db      3 GTGGACCTCTTGTT 17

RESULT 1828
US-09-920-760-10
/ Sequence 10, Application US/09920760
/ Patent No. 6492173
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Coweart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
/ FILE REFERENCE: RTS-0275
/ CURRENT APPLICATION NUMBER: US/09/920,760
/ CURRENT FILING DATE: 2001-08-01
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 10
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-10

Query Match          0.3%; Score 13.4; DB 1; Length 18;
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Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1413 GAGGTGAGGCAAG 1427
|||||

Db 3 GAGGTGAGGCAAG 17

RESULT 1829
US-09-422-978-3939

; Sequence 3939, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marla

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 3939

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-1165 for SEQ 5,

US-09-422-978-3939

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 276 CTCTTCTCTCTCTC 290
|||||

Db 1 CTCTTCTCTCTCTC 15

RESULT 1830
US-09-422-978-4736

; Sequence 4736, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marla

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4736

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-17418 for SEQ 802,

US-09-422-978-4736

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 332 CAGTTCTTCCCT 346
|||||

Db 2 CAGTTCTTCCCT 16

RESULT 1831

US-09-422-978-6026/C

; Sequence 6026, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marla

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 6026

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-8472 for SEQ 2092,

US-09-422-978-6026

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2276 CTACCTGTGATCT 2290
|||||

Db 15 CTACCTGTGATCT 1

RESULT 1832
US-09-387-286-44

; Sequence 44, Application US/09387286

; Patent No. 6544733

; GENERAL INFORMATION:

; APPLICANT: Rommens, Calus M T

; APPLICANT: Zhang, Bei

; APPLICANT: Swords, Kathy M M

; APPLICANT: Yan, Hua

; TITLE OF INVENTION: A new method of identifying non-host plant disease

; FILE REFERENCE: r gene patent

; CURRENT APPLICATION NUMBER: US/09/387,286

; EARLIER FILING DATE: 1999-08-31

; EARLIER APPLICATION NUMBER: 60/098,402

; EARLIER FILING DATE: 1998-08-31

; NUMBER OF SEQ ID NOS: 66

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 44

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:synthetic

OTHER INFORMATION: primer
US-09-387-286-44

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 1.2e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 3811 AGAGCCAGGAGGAGCC 3827
DB 2 ARGCYAADGGAAGTCC 18

RESULT 1833
US-09-371-772B-2980
Sequence 2980, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2980
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2980

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 3776 ATCTCTGCGGAGG 3790
DB 1 AUCCCGCGGAGG 15

RESULT 1834
US-09-371-772B-4012/C
Sequence 4012, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4012
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.

US-09-371-772B-4012

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3445 CAGCAACCGGGGTC 3459
DB 15 CAGCAACCGGGGCC 1

RESULT 1835
US-09-371-772B-4031
Sequence 4031, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4031
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4031

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.2e+03;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3159 CTCACGACGACGAC 3173
DB 1 CTCACGACGACGAC 15

RESULT 1836
US-09-657-013-93/C
Sequence 93, Application US/09657013
Patent No. 6709817
GENERAL INFORMATION:
APPLICANT: Zoghbi, Huda Y.
APPLICANT: Van den Veyver, Ignatia B
APPLICANT: Amir, Ruthie
APPLICANT: Francke, Uta
TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain
FILE REFERENCE: HO-P01893US1/09905371
CURRENT APPLICATION NUMBER: US/09/657,013
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/152,778
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn version 3.1
SEQ ID NO 93
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-657-013-93

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 31 CACGGCCGAGAGA 45
DB 18 CACGGCCGAGAAA 4

RESULT 1837
US-10-294-203-11

Sequence 11, Application US/10294203
Patent No. 6753168

GENERAL INFORMATION:

APPLICANT: Froehner, Brian

APPLICANT: Wagner, Rick

APPLICANT: Mateucci, Mark

APPLICANT: Jones, Robert J.

APPLICANT: Gutierrez, Arnold J.

APPLICANT: Pudlo, Jeff

TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers

TITLE OF INVENTION: Containing Modified Pyrimidines

FILE REFERENCE: GLIS0155

CURRENT APPLICATION NUMBER: US/10/294,203

PRIOR FILING DATE: 2002-01-22

PRIOR APPLICATION NUMBER: 08/599,738

PRIOR FILING DATE: 1996-02-12

PRIOR APPLICATION NUMBER: 10/024,818

NUMBER OF SEQ ID NOS: 54

SOFTWARE: Patentin version 3.2

SEQ ID NO 11

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic construct

US-10-294-203-11

Query Match 0.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTC 284
DB 2 CTCTCTCTCTCTC 16

RESULT 1838

US-08-202-389-53

Sequence 53, Application US/08202389
Patent No. 5536636

GENERAL INFORMATION:

APPLICANT: Freeman Jr., Robert M.

APPLICANT: Plutzky, Jorge

APPLICANT: Neel, Benjamin G.

APPLICANT: Rosenbery, Robert D.

TITLE OF INVENTION: IDENTIFICATION OF NOVEL TYROSINE

TITLE OF INVENTION: PHOSPHATASES HAVING SH2 DOMAINS

NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:

ADDRESSER: Hamilton, Brook, Smith & Reynolds, P.C.

STREET: Two Millicia Drive

CITY: Lexington

STATE: MA

COUNTRY: USA

ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/202,389
FILING DATE: 28-FEB-1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/983,926

FILING DATE: 01-DEC-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/829,141

FILING DATE: 31-JAN-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/721,112

FILING DATE: 26-JUN-1991

ATTORNEY/AGENT INFORMATION:

NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: BI92-05MA

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 861-6240

TELEFAX: (617) 861-9540

INFORMATION FOR SEQ ID NO: 53:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear.

US-08-202-389-53

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 GTCTCAGCTCTCTG 1269
DB 5 GTCTCAGCTCTCTG 19

RESULT 1839

US-08-373-124A-21

Sequence 21, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: U.S.A.

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-21

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.3e+03;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 89 CAGAGTGGCCACAA 103
DB 5 CAGCAGUGGCCACAA 19

RESULT 1840
US-08-466-886-2
Sequence 2, Application US/08466886
Patent No. 5776677
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Riordan, John R.
APPLICANT: Rommens, Johanna M.
APPLICANT: Kerem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drumm, Mitchell L.
APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,886
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329,0010006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-466-886-2

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 AAGAGTCCAGAT 1505
DB 1 AAGAGTCCAGAT 15

RESULT 1841
US-08-435-628-21
Sequence 21, Application US/08435628
Patent No. 581796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-21

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.3e+03;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 89 CAGAGTGGCCACAA 103

Db 5 CACACAGCGCCACA 19

RESULT 1842

US-08-485-689-39/c

Sequence 39, Application US/08485689

Patent No. 5856188

GENERAL INFORMATION:

APPLICANT: Hampel, Arnold E.

APPLICANT: Tritz, Richard H.

TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES

NUMBER OF SEQUENCES: 90

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP

STREET: 1185 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: United States Of America

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/485,689

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 43863-CIX/JPW/KJP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-278-0400

TELEFAX: 212-278-0526

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)

US-08-485-689-39

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACAGCGGCA 4301

Db 18 CACACAGCGGCA 4

RESULT 1843

US-08-485-689-83/c

Sequence 83, Application US/08485689

Patent No. 5856188

GENERAL INFORMATION:

APPLICANT: Hampel, Arnold E.

APPLICANT: Tritz, Richard H.

TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES

NUMBER OF SEQUENCES: 90

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP

STREET: 1185 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: United States Of America

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

US-08-485-689-83

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 43863-CIX/JPW/KJP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-278-0400

TELEFAX: 212-278-0526

INFORMATION FOR SEQ ID NO: 83:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)

US-08-485-689-83

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACAGCGGCA 4301

Db 18 CACACAGCGGCA 4

RESULT 1844

US-08-476-021A-39/c

Sequence 39, Application US/08476021A

Patent No. 5858785

GENERAL INFORMATION:

APPLICANT: Hampel, Arnold E.

APPLICANT: Tritz, Richard H.

TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES

NUMBER OF SEQUENCES: 90

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP

STREET: 1185 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: United States Of America

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/476,021A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-278-0400

TELEFAX: 212-278-0526

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)

US-08-476-021A-39

Query Match 0.3%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 18 CACAACAGACGGGCA 4

RESULT 1845

US-08-476-021A-83/C
Sequence 83, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-476-021A-83

Query Match 0.3%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 18 CACAACAGACGGGCA 4

RESULT 1846

US-08-478-608B-39/C
Sequence 39, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America

ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLZ/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-478-608B-39

Query Match 0.3%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4287 CACACCAGACGGGCA 4301
DB 18 CACAACAGACGGGCA 4

RESULT 1847

US-08-478-608B-83/C
Sequence 83, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLZ/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)
US-08-478-6088-83

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

4287 CACACGACGCGCA 4301
18 CACACGACGCGCA 4

RESULT 1848
US-08-469-461-6
Sequence 6, Application US/08469461B
Patent No. 5981178
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommings, Johanna M.
APPLICANT: Kerem, Bat-Sheva
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
FILE REFERENCE: 3477-61, 03477/139840
CURRENT APPLICATION NUMBER: US/08/469,461B
CURRENT FILING DATE: 1995-06-06
NUMBER OF SEQ. ID NOS: 33
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-08-469-461-6

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1491 AAGAGTCCAGGAT 1505
1 ATGAGTCCAGGAT 15

RESULT 1849
US-07-890-609-6
Sequence 6, Application US/07890609C
Patent No. 6001588
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommings, Johanna M.
APPLICANT: Kerem, Bat-Sheva
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
FILE REFERENCE: 3477-61, 03477/139840
CURRENT APPLICATION NUMBER: US/07/890,609C
CURRENT FILING DATE: 1992-07-13
NUMBER OF SEQ. ID NOS: 33
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-07-890-609-6

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1491 AAGAGTCCAGGAT 1505
1 ATGAGTCCAGGAT 15

RESULT 1850

US-08-912-272-86
Sequence 86, Application US/08912272
Patent No. 6093874
GENERAL INFORMATION:
APPLICANT: Jofuku, K. Diane
APPLICANT: Okamoto, Jack K.
TITLE OF INVENTION: Methods for Improving Seeds
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,272
FILING DATE: 15-AUG-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/700,152
FILING DATE: 20-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-067220US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ. ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note= "RAP2.8L primer"
US-08-912-272-86

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

536 CACATCACCCTC 550
4 CACATCACCCTC 18

RESULT 1851
US-09-290-449-13
Sequence 13, Application US/09290449A
Patent No. 6096505
GENERAL INFORMATION:
APPLICANT: SELBY, Mark
APPLICANT: THUDUM, Kent
APPLICANT: DINA, Dino
TITLE OF INVENTION: NONCLONING TECHNIQUE FOR EXPRESSING A GENE OF INTEREST
FILE REFERENCE: 1448-002
CURRENT APPLICATION NUMBER: US/09/290,449A
CURRENT FILING DATE: 1999-04-13
EARLIER APPLICATION NUMBER: US 60/081,777
EARLIER FILING DATE: 1998-04-14

; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: pres2-EMCV
US-09-290-449-13

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4278 AGAAAACGACACC 4292
DB 4 AGACAAACGACACC 18

RESULT 1852

US-08-545-809A-80
; Sequence 80, Application US/08545809A
; Patent No. 6096878

; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/00603
; FILING DATE: 10-MAY-1993

; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 06501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154

; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-545-809A-80

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4191 CTTTGTTTTCAG 4205
DB 2 CTTTGTTTTCAG 16

RESULT 1853
US-08-469-617-2
; Sequence 2, Application US/08469617
; Patent No. 6201107

; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; TITLE OF INVENTION: Cystic Fibrosis Gene
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,617
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 1329.0010008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2540
; TELEFAX: 202-371-2540

; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-469-617-2

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 AAGAGTCCAGAT 1505
DB 1 AAGAGTCCAGAT 15

RESULT 1854
US-08-476-423A-39/C
; Sequence 39, Application US/08476423A
; Patent No. 6221661

; GENERAL INFORMATION:
; APPLICANT: Hampel, Arnold E.
; APPLICANT: Tritz, Richard H.
; TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States Of America
; ZIP: 10036

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,423A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-278-0526
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
; US-08-476-423A-39

Query Match      0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4287 CACACGAGCGGCA 4301
Db      18 CACACGAGCGGCA 4

RESULT 1855
US-08-476-423A-83/C
; Sequence 83, Application US/08476423A
; Patent No. 6221661
; GENERAL INFORMATION:
; APPLICANT: Hampel, Arnold E.
; TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States Of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,423A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-278-0526
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
```

```

US-08-476-423A-83

Query Match      0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4287 CACACGAGCGGCA 4301
Db      18 CACACGAGCGGCA 4

RESULT 1856
US-09-366-840-2/C
; Sequence 2, Application US/09366840
; Patent No. 6228345
; GENERAL INFORMATION:
; APPLICANT: Osowski, Lilliana
; TITLE OF INVENTION: In Vivo Assay for Intravasion
; FILE REFERENCE: A32590 70165,0550
; CURRENT APPLICATION NUMBER: US/09/366,840
; CURRENT FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
; US-09-366-840-2

Query Match      0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4999 TGCTCTCCAGCCTGG 5013
Db      19 TGCACCTCCAGCCTGG 5

RESULT 1857
US-09-078-294-2/C
; Sequence 2, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/078,294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
; US-09-078-294-2

Query Match      0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      423 CAGGTTCAGTGAGGGGC 441
Db      19 CAGGCTGAGTGAGTGAGGY 1

RESULT 1858
US-09-247-155-39
; Sequence 39, Application US/09247155A
; Patent No. 6312922
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
```

```

; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Complementary DNAs
; FILE REFERENCE: GENSET 021A
; CURRENT APPLICATION NUMBER: US/09/247,155A
; EARLIER FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/074,121
; EARLIER FILING DATE: 1998-02-09
; EARLIER APPLICATION NUMBER: 60/081,563
; EARLIER FILING DATE: 1998-04-13
; EARLIER APPLICATION NUMBER: 60/096,116
; EARLIER FILING DATE: 1998-08-10
; EARLIER APPLICATION NUMBER: 60/099,273
; EARLIER FILING DATE: 1998-10-04
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent.pm
; SEQ ID NO 39
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-247-155-39

Query Match          0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      4278 AGAAMACGCACACC 4292
Db      5 AGACAAACGCACACC 19
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RESULT 1859
US-09-026-039-86
; Sequence 86, Application US/09026039
; Patent No. 6329567
; GENERAL INFORMATION:
; APPLICANT: Jofuku, K. Diane
; APPLICANT: Okamuro, Jack K.
; TITLE OF INVENTION: Methods for Improving Seeds
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,039
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,272
; FILING DATE: 15-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/879,827
; FILING DATE: 20-JUN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/700,152
; FILING DATE: 20-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bastian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 023070-067230US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
```

```

; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..19
; OTHER INFORMATION: /note="RAP2.8L primer"
US-09-026-039-86

Query Match          0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```

QY      536 CAACATCACCCGCTC 550
Db      4 CAACATCACCCGCTC 18
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RESULT 1860
US-09-422-978-5041
; Sequence 5041, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5041
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-20508 for SEQ 1107,
US-09-422-978-5041
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```

Query Match          0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      1411 TTGAGTGAAGCAG 1425
Db      3 TTGAGTGAAGCAG 17
```

```

RESULT 1861
US-09-422-978-11640
; Sequence 11640, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
```

EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11640
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-12521 for SEQ 3775, in complement
US-09-422-978-11640

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5176 AGCTAATCCAGTCG 5190
DB 2 AGCTAATCCAGTCG 16

RESULT 1862
US-09-663-600A-39
Sequence 39, Application US/09663600A
Patent No. 6573068
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, Jean-Baptiste
APPLICANT: Duclert, Aymeric
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
FILE REFERENCE: 31.US3.CIP
CURRENT APPLICATION NUMBER: US/09/663,600A
CURRENT FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: 09/191,997
PRIOR FILING DATE: 1998-11-13
PRIOR APPLICATION NUMBER: 60/066,677
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/069,957
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/074,121
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/081,563
PRIOR FILING DATE: 1998-04-13
PRIOR APPLICATION NUMBER: 60/096,116
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/099,273
PRIOR FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 229
SOFTWARE: Patent.pm
SEQ ID NO 39
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-09-663-600A-39

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4278 AGAAAAAGCAGCACC 4292
DB 5 AGAAAAAGCAGCACC 19

RESULT 1863
US-09-495-714C-52/c

Sequence 52, Application US/09495714C
Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO 52
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-495-714C-52

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3804 GGGGACAGAGCCCA 3818
DB 19 GGGGACAGAGCCCA 5

RESULT 1864
US-08-469-630-2
Sequence 2, Application US/08469630
Patent No. 6730777
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Riordan, John R.
APPLICANT: Rommens, Johanna M.
APPLICANT: Kerem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drum, Mitchell L.
APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,630
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329,0010005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-469-630-2

Query Match 0.3%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 AAGAGTCCAGGAT 1505

DB 1 ATGAGTCCAGGAT 15

RESULT 1865

US-09-696-791-1795

Sequence 1795, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1795

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin C ribozyme binding site

US-09-696-791-1795

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2170 AAACTATATGACA 2184

DB 4 AAACTATATGACA 18

RESULT 1866

US-09-696-791-2617

Sequence 2617, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 2617

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-696-791-2617

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTTGGTT 4799

DB 4 CTCAGTCTTTGGCT 18

RESULT 1867

US-09-696-791-2618

Sequence 2618, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 2618

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-696-791-2618

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTTGGTT 4799

DB 4 CTCAGTCTTTGGCT 18

RESULT 1868

US-09-696-791-2619

Sequence 2619, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 2619

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-696-791-2619

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTTGGTT 4799

DB 1 CTCAGTCTTTGGCT 15

RESULT 1869

US-09-696-791-3461/c

Sequence 3461, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3461/c

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-696-791-3461/c

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTTGGTT 4799

DB 1 CTCAGTCTTTGGCT 15

RESULT 1870

US-09-696-791-3461/c

Sequence 3461, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3461/c

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin G1 ribozyme binding site

US-09-696-791-3461/c

Query Match 0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTTGGTT 4799

DB 1 CTCAGTCTTTGGCT 15

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; SEQ ID NO 3461
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3461

Query Match          0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      5047 TCTGTAATAGTGA 5061
Db      15 TCTGTAAGTGTGA 1

RESULT 1870
US-09-696-791-3505/c
; Sequence 3505, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3505
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3505

Query Match          0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      831 GACACGGCGACGAC 845
Db      19 GACACGGCGACGAC 5

RESULT 1871
PCT-US91-03680-2
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; City: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
PCT-US91-03680-2

Query Match          0.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      270 CTCTCTCTCTTTC 284
Db      2 CTCTCTCTCTTTC 16

RESULT 1872
US-08-222-177A-102
; Sequence 102, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Demilt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; City: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
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MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mEd17p1
US-08-222-177A-102

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2059 CACTGGGAACAGC 2073
|||||
DB 5.CACTGGGAACATGG 19

RESULT 1873
US-08-435-529-2
Sequence 2, Application US/08435529

GENERAL INFORMATION:
APPLICANT: KOURILSKY, PHILIPPE
APPLICANT: PANNETIER, CHRISTOPHE
APPLICANT: COCHET, MADELEINE
TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF
TITLE OF INVENTION: ANTIBODIES (AD) AND OF T-CELL RECEPTORS (TCR) OF AN
TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,529

FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/084,249

FILING DATE: 09-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, No. 5635354man F.

REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-015-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)
US-08-435-529-2

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 841 ACGACCTGAGAGG 855
|||||
DB 1 ACGACCTGAGAGG 15

RESULT 1874

US-08-502-185-14
Sequence 14, Application US/08502185

Patent No. 5639736
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/502,185

FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-502-185-14

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCGCCAGCT 4178
|||||
DB 3 TCCTCTGCGCCGCT 17

RESULT 1875
US-08-502-185-15
Sequence 15, Application US/08502185

Patent No. 5639736
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/502,185
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPDVI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-502-185-15

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 66.7%; Pred. No. 1.4e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCCTGCCGACT 4178
Db 3 UCCUCCUGCCCGGCU 17

RESULT 1876
US-08-398-945-14
Sequence 14, Application US/08398945
Patent No. 5639872
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/398,945
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-398-945-14

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCCTGCCGACT 4178
Db 3 TCCTCCTGCCGACT 17

RESULT 1877
US-08-398-945-15
Sequence 15, Application US/08398945
Patent No. 5639872
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/398,945
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-398-945-15

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 66.7%; Pred. No. 1.4e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCCTGCCGACT 4178
Db 3 UCCUCCUGCCCGGCU 17

RESULT 1878
US-08-501-779-14
Sequence 14, Application US/08501779
Patent No. 5661135
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street

```

1      CITY: Boston
2      STATE: Massachusetts
3      COUNTRY: USA
4      ZIP: 02109
5
6      COMPUTER READABLE FORM:
7      MEDIUM TYPE: PC floppy disk
8      COMPUTER: IBM PC compatible
9      OPERATING SYSTEM: PC-DOS/MS-DOS
10     SOFTWARE:
11
12     CURRENT APPLICATION DATA:
13     APPLICATION NUMBER: US/08/501,779
14     FILING DATE:
15
16     CLASSIFICATION: 514
17
18     ATTORNEY/AGENT INFORMATION:
19     NAME: Kerner, Ann-Louise
20     REGISTRATION NUMBER: 33,523
21     REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
22
23     TELECOMMUNICATION INFORMATION:
24     TELEPHONE: 617-330-1300
25     TELEFAX: 617-330-1311
26
27     INFORMATION FOR SEQ ID NO: 14:
28     SEQUENCE CHARACTERISTICS:
29     LENGTH: 20 base pairs
30     TYPE: nucleic acid
31     STRANDEDNESS: single
32     TOPOLOGY: linear
33     MOLECULE TYPE: cDNA
34     HYPOTHEetical: NO
35     ANTI-SENSE: YES
36
37     US-08-501-779-14

```

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 551 CAAGCGGAGAGCT 565
Db 17 CAAGCGGAGCGCT 3

RESULT 1881

US-08-501-713-14

Sequence 14, Application US/08501713

Patent No. 5710136

GENERAL INFORMATION:

APPLICANT: Robinson, Gregory S.

TITLE OF INVENTION: Inhibition of

TITLE OF INVENTION: Neovascularization Using

TITLE OF INVENTION: VEGF-Specific

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer

STREET: 200 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/501,713

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise

REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HY2-031DV2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-330-1300

TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-501-713-14

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCCAGCT 4178

Db 3 TCCTCTGCCAGCT 17

RESULT 1882

US-08-501-713-15

Sequence 15, Application US/08501713

Patent No. 5710136

GENERAL INFORMATION:

APPLICANT: Robinson, Gregory S.

TITLE OF INVENTION: Inhibition of

TITLE OF INVENTION: Neovascularization Using

TITLE OF INVENTION: VEGF-Specific

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer

STREET: 200 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer

STREET: 200 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/501,713

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise

REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HY2-031DV2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-330-1300

TELEFAX: 617-330-1311

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-501-713-15

Query Match

Best Local Similarity 66.7%; Score 13.4; DB 1; Length 20;

Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCCAGCT 4178

Db 3 TCCTCTGCCAGCT 17

RESULT 1883

US-08-378-860-14

Sequence 14, Application US/08378860

Patent No. 5731294

GENERAL INFORMATION:

APPLICANT: Robinson, Gregory S.

TITLE OF INVENTION: Inhibition of

TITLE OF INVENTION: Neovascularization Using

TITLE OF INVENTION: VEGF-Specific

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lappin & Kusmer

STREET: 200 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/378,860

FILING DATE:

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-378-860-14

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCGCCAGCT 4178
|||||
Db 3 TCCTCTGCGCCAGCT 17

RESULT 1884
US-08-378-860-15
Sequence 15, Application US/08378860
Patent No. 5731294
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,860
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-378-860-15

Query Match 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 66.7%; Pred. No. 1.4e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
QY 4164 TCCTCTGCGCCAGCT 4178
|||||
Db 3 TCCTCTGCGCCAGCT 17

RESULT 1885
US-08-501-626-14
Sequence 14, Application US/08501626
Patent No. 5801156
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,626
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-626-14

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCGCCAGCT 4178
|||||
Db 3 TCCTCTGCGCCAGCT 17

RESULT 1886
US-08-501-626-15
Sequence 15, Application US/08501626
Patent No. 5801156
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,626
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-626-14

Query Match 0.3%; Score 13.4; DB 1; Length 20;

```

; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-501-626-15

Query Match
Best Local Similarity 66.7%; Score 13.4; DB 1; Length 20;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCTCCGACT 4178
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Db 3 UCCUCGCGCGGCU 17

RESULT 1887
US-08-410-779B-78
; Sequence 78, Application US/08410779B
; Patent No. 5814517
; GENERAL INFORMATION:
; APPLICANT: SEIDEL, H. MARTI
; APPLICANT: LAMB, I. PETER
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS
; TITLE OF INVENTION: RESPONSIVE TO CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 166
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED
; STREET: 9393 TOWNE CENTRE DRIVE
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: US
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,779B
; FILING DATE: 27-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935

```

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; FILING DATE: 14-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: JURGENSEN, THOMAS E
; REGISTRATION NUMBER: 34,195
; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
; SYNTHETIC DNA"
;
US-08-410-779B-78

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5091 GCTGCTTCTCTGG 5105
   |||
Db 1 GATCTGCTTCTCTGG 15

RESULT 1888
US-08-501-356-14
; Sequence 14, Application US/08501356
; Patent No. 5814620
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,356
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-501-356-14

```

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCGGCGCT 4178
DB 3 TCCTCTGCGGCGCT 17

RESULT 1889
US-08-501-356-15
Sequence 15, Application US/08501356
Patent No. 5814620
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,356
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-501-356-15

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 66.7%; Pred. No. 1.4e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCGGCGCT 4178
DB 3 UCCUCCUGCCGCGCU 17

RESULT 1890
US-08-313-185-13/C
Sequence 13, Application US/08313185
Patent No. 5851763
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart
APPLICANT: Young, Douglas

APPLICANT: Zhang, Ying
APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: in Mycobacterium Tuberculosis
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,185
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02356.0068-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-313-185-13

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2012 GATCAGCCCATCTG 2026
DB 16 GATCAGCCCATCTG 2

RESULT 1891
US-08-910-629A-24
Sequence 24, Application US/08910629A
Patent No. 5877309
GENERAL INFORMATION:
APPLICANT: Robert A. McKay
APPLICANT: Nicholas M. Dean
APPLICANT: Brett Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Maitlon
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910.629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-8488
TELEFAX: (609) 779-2400
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-910-629A-24

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 AAGGAGGCGCTGCC 210
DB 6 AAGGAGGCGCTGCC 20

RESULT 1892
US-08-487-867-30/c
Sequence 30, Application US/08487867
Patent No. 5910408
GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Cuenoud, Bernard
APPLICANT: Huitenga, David E.
TITLE OF INVENTION: CATALYTIC DNA
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street,
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,867
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/273001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLÉCULE TYPE: DNA
US-08-487-867-30

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5100 CCTGGGTATTAGGA 5114
DB 20 CCTGGGTATTAGGA 6

RESULT 1893
US-08-771-182-7/c
Sequence 7, Application US/08771182
Patent No. 5929209
GENERAL INFORMATION:
APPLICANT: Haddock Dr., John R.
APPLICANT: Ozenberger Dr., Bradley A.
TITLE OF INVENTION: Receptor Identification Method
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Home Products Corporation
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey
COUNTRY: USA
ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/771,182
FILING DATE: 20-DEC-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Matthews, Gale F.
REGISTRATION NUMBER: 32,269
REFERENCE/DOCKET NUMBER: 31,829-D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-683-2134
TELEFAX: 201-683-4117
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Synthetic
PUBLICATION INFORMATION:
AUTHORS: Haddock Dr., John R.
AUTHORS: Dr. Ozenberger, Bradley A.
AUTHORS: Dr. Pausch, Mark H.
TITLE: Receptor Identification Method
DATE: 20-DEC-1996
US-08-771-182-7

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 551 CAAGCGGAGGAGCT 565
DB 17 CAAGCGGAGGAGCT 3

RESULT 1894
US-08-888-982A-36
Sequence 36, Application US/08888982A
Patent No. 5981731
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,982A
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: No. 5981731ember 26, 1996
PRIOR APPLICATION DATA: PCT/US95/07111
FILING DATE: May 31, 1995
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0212
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-888-982A-36

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5133 TTTCCTTATGTGCT 5147
DB 6 TTTCCTTGTGCT 20

RESULT 1895
US-09-289-368-31
Sequence 31, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSION
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 31
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-31

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1505 TGGTTCTGAGCA 1519
DB 4 TGGTTCTGAGCA 18

RESULT 1896
US-08-904-901-95/c
Sequence 95, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: KOHN & ASSOCIATES
STREET: 30500 No. 5998383thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/904,901
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227,00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5050
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-95

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3072 ACCTCTCAGGCA 3086
DB 16 ATCTCTCAGGCA 2

RESULT 1897
US-08-904-901-96/c
Sequence 96, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.

APPLICANT: Young, Aiping H.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: KOHN & ASSOCIATES
STREET: 30500 No. 5998383thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/904,901
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227.00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "partially thioated
DESCRIPTION: oligonucleotide"
ANTI-SENSE: YES
US-08-904-901-96

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3072 ACCTCTCAGGCGCAG 3086
Db 16 ATCTCTCAGGCGCAG 2

RESULT 1898
US-09-358-382-11
Sequence 11, Application US/09358382
Patent No. 6010906
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowest
TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-1 EXPRESSION
FILE REFERENCE: RFS-0071
CURRENT APPLICATION NUMBER: US/09/358,382
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-382-11

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3923 GCCGCGGCCGCCCT 3937

Db 3 GCCGCGGCCGCCCT 17

RESULT 1899
US-09-120-853-11/c
Sequence 11, Application US/09120853
Patent No. 6057437
GENERAL INFORMATION:
APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Artificial
OTHER INFORMATION: nucleic acid sequence
US-09-120-853-11

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 266 CCCCCTCTCTCTT 280
Db 16 CCCCCTCTCTCTT 2

RESULT 1900
US-08-853-194-7/c
Sequence 7, Application US/08853194
Patent No. 6077666
GENERAL INFORMATION:
APPLICANT: Hadcock Dr., John R.
APPLICANT: Ozenberger Dr., Bradley A.
APPLICANT: Pausch Dr., Mark H.
TITLE OF INVENTION: Receptor Identification Method
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: NJ
COUNTRY: United States of America
ZIP: 06904-0060
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/853,194
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/915,966
FILING DATE: 17-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos Dr., Estelle J.
REGISTRATION NUMBER: 31,145
REFERENCE/DOCKET NUMBER: 31829-00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 203-321-2361

TELEFAX: 203-321-2971
TELEX: 710-474-4059
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Synthetic
PUBLICATION INFORMATION:
AUTHORS: Haddock Dr., John R.
AUTHORS: Dr. Ozenberger, Bradley A.
TITLE: Receptor Identification Method
DATE: 17-JUL-1992
US-08-853-194-7

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 551 CAAGCGGAGAGCT 565
DB 17 CAAGCGGAGAGCT 3

RESULT 1901
US-08-777-266A-37
Sequence 37, Application US/08777266A
Patent No. 6077833
GENERAL INFORMATION:
APPLICANT: Clarence Frank Bennett
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Oligonucleotide Compositions and
TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-777-266A-37

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3338 CTACGACGAGCGCC 3352
DB 5 CTACGACGAGCGCC 19

RESULT 1902
US-08-777-266A-52
Sequence 52, Application US/08777266A
Patent No. 6077833
GENERAL INFORMATION:
APPLICANT: Clarence Frank Bennett
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Oligonucleotide Compositions and
TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-777-266A-52

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3338 CTACGACGAGCGCC 3352
DB 5 CTACGACGAGCGCC 19

RESULT 1903
US-08-954-536-4/c
Sequence 4, Application US/08954536
Patent No. 6100445
GENERAL INFORMATION:
APPLICANT: Sehadri, Tara
APPLICANT: Li, Ping
APPLICANT: Allen, Hamish

APPLICANT: Banerjee, Subhashis
APPLICANT: Pakelnd, Michael
TITLE OF INVENTION: Transgenic No. 6100445human Animal Having Functionally
TITLE OF INVENTION: Disrupted Interleukin-1b Converting Enzyme
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 STATE STREET, SUITE 510
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,536
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,490
FILING DATE: 14-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: DECONTI, GIULIO, A. JR.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: BBI-019
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-954-536-4

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1533 AAGAAATCCTGCAG 1547
DB 16 AAGAAATCCTGCAG 2

RESULT 1904
US-09-249-730-95/c
Sequence 95, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 95
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-95

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3072 ACCTTCAGGGCAG 3086
DB 16 ATCTTCAGGGCAG 2

RESULT 1905
US-09-249-730-96/c
Sequence 96, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: modified base
LOCATION: (1)..(20)
OTHER INFORMATION: Nucleotides 1k2, 3k4, 5k6, 7k8, 9k10, 11k12,
OTHER INFORMATION: 13k14, 15k16, 17k18, and 19k20 are attached by
OTHER INFORMATION: phosphorothioate.
US-09-249-730-96

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3072 ACCTTCAGGGCAG 3086
DB 16 ATCTTCAGGGCAG 2

RESULT 1906
US-09-082-614A-13/c
Sequence 13, Application US/09082614A
Patent No. 6124098
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart
APPLICANT: Young, Douglas
APPLICANT: Zhang, Ying
APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,614A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

```
/ APPLICATION NUMBER: US 08/313,185
/ FILING DATE: 12-OCT-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meyers, Kenneth J.
/ REGISTRATION NUMBER: 25,146
/ REFERENCE/DOCKET NUMBER: 02356.0068-00000
/ TELEPHONE: (202) 408-4000
/ TELEFAX: (202) 408-4400
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-09-082-614A-13

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2012 GATCAGCCCATCTG 2026
DB      16 GATCAGCCCATCTG 2

RESULT 1907
US-09-418-641-49
/ Sequence 49, Application US/09418641A
/ Patent No. 6124133
/ GENERAL INFORMATION:
/ APPLICANT: Jennifer K. Taylor
/ APPLICANT: Lex M. Cowbert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
/ FILE REFERENCE: RTS-0105
/ CURRENT APPLICATION NUMBER: US/09/418,641A
/ EARLIER FILING DATE: 1999-10-15
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 49
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-49

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      363 CAGAGTCAGTCAG 377
DB      6 CAGAGTCAGTCAG 20

RESULT 1908
US-09-287-796-24
/ Sequence 24, Application US/09287796A
/ Patent No. 6133246
/ GENERAL INFORMATION:
/ APPLICANT: McKay, Robert A.
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Monia, Brett
/ APPLICANT: Nero, Pam
/ APPLICANT: Gaarde, William A.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
/ TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
/ FILE REFERENCE: ISPH-0350
/ CURRENT APPLICATION NUMBER: US/09/287,796A
/ EARLIER FILING DATE: 1999-04-07
/ EARLIER APPLICATION NUMBER: 09/130,616
/ EARLIER FILING DATE: 1998-08-07
```

```
/ EARLIER APPLICATION NUMBER: 08/910,629
/ EARLIER FILING DATE: 1997-08-03
/ NUMBER OF SEQ ID NOS: 165
/ SEQ ID NO 24
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-287-796-24

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      196 AAGGAGGGCTGCG 210
DB      6 AAGGAGGGCTGCG 20

RESULT 1909
US-09-287-796-128
/ Sequence 128, Application US/09287796A
/ Patent No. 6133246
/ GENERAL INFORMATION:
/ APPLICANT: McKay, Robert A.
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Monia, Brett
/ APPLICANT: Nero, Pam
/ APPLICANT: Gaarde, William A.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
/ TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
/ FILE REFERENCE: ISPH-0350
/ CURRENT APPLICATION NUMBER: US/09/287,796A
/ EARLIER FILING DATE: 1999-04-07
/ EARLIER FILING DATE: 1998-08-07
/ EARLIER APPLICATION NUMBER: 09/130,616
/ EARLIER FILING DATE: 1997-08-03
/ NUMBER OF SEQ ID NOS: 165
/ SEQ ID NO 128
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-287-796-128

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2176 ATATGACATCTGCC 2190
DB      2 ATATGACATCTGCC 16

RESULT 1910
US-08-765-340-89
/ Sequence 89, Application US/08765340
/ Patent No. 6150092
/ GENERAL INFORMATION:
/ APPLICANT: UCHIDA, K.
/ APPLICANT: UCHIDA, T.
/ APPLICANT: TANAKA, Y.
/ APPLICANT: MATSUDA, Y.
/ APPLICANT: KONDO, S.
/ TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
/ TITLE OF INVENTION: COMPOUND
/ NUMBER OF SEQUENCES: 185
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
/ STREET: 345 PARK AVENUE
```

```
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.30 (EPO)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"

US-08-765-340-89

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4164 TCCTCTGCGCCAGCT 4178
DB 1 TCCTCTGCGCCGCT 15

RESULT 1911
US-09-167-921-14/c
Sequence 14, Application US/09167921A
Patent No. 6172216
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Zhang, Qiangong
TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISFH-0324
CURRENT APPLICATION NUMBER: US/09/167,921A
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence

US-09-167-921-14

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 275 TCCTTTCTCTCTCT 289
DB 17 TCCTTTCTCTCTCT 3

RESULT 1912
US-09-428-219-31
Sequence 31, Application US/09428219
Patent No. 6177273
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
FILE REFERENCE: RTS-0101
CURRENT APPLICATION NUMBER: US/09/428,219
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-428-219-31

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4043 GCCACCGAGGCTCT 4057
DB 4 GCCACCGAGGCTCT 18

RESULT 1913
US-09-490-692-163
Sequence 163, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 163
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-490-692-163

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 559 AGGAGCTGCTTCCA 573
DB 1 AGGAGCTGCTTCCA 15

RESULT 1914
US-08-796-101-175
Sequence 175, Application US/08796101
Patent No. 6183752
GENERAL INFORMATION:
APPLICANT: EPSTEIN, STEPHEN E.
APPLICANT: FINKEL, TOREN
APPLICANT: SPEIR, EDITH
APPLICANT: ZHOU, YI FU
APPLICANT: ZHU, JIANHUI
```

APPLICANT: ERDILE, LORNE
APPLICANT: PINCUS, STEVEN
TITLE OF INVENTION: RESTENOSIS/ATHEROSCLEROSIS DIAGNOSIS,
TITLE OF INVENTION: PROPHYLAXIS AND THERAPY
NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
STREET: 530 FIFTH AVENUE
CITY: NEW YORK
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/796,101
FILING DATE: 05-FEB-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: KOWALSKI, THOMAS J.
REGISTRATION NUMBER: 32,147
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 764-5574
INFORMATION FOR SEQ ID NO: 175:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-796-101-175

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAGA 3072
Db 2 AGATAAGCTGCAGA 16

RESULT 1915
US-09-280-805-20/C
Sequence 20, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 243:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-243

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-20

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1576 AGTTGTGATCTTGG 1590
Db 15 AGTGGGATCTTGG 1

RESULT 1916
US-09-280-805-243
Sequence 243, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 243:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-243

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4999 TGCTCTCCAGCTGG 5013

Db 6 TGACTCCAGCTGG 20

RESULT 1917

US-09-280-805-244/C

Sequence 244, Application US/09280805

Patent No. 6184212

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 244:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-244

QY 1576 AGTGTGATCTTGG 1590

Db 16 AGTGTGATCTTGG 2

RESULT 1918

US-09-517-584A-13/C

Sequence 13, Application US/09517584A

Patent No. 6187587

GENERAL INFORMATION:

APPLICANT: Ian Popoff

APPLICANT: Vickie L. Brown-Driver

TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION

FILE REFERENCE: RTS-0121

CURRENT APPLICATION NUMBER: US/09/517,584A

FILING DATE: 2000-03-22

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-517-584A-13

Query Match 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 1.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3922 CGCCGGCGCCGCCG 3936

Db 18 CGCCGGCGCCGCCG 4

RESULT 1919

US-09-429-322-20/C

Sequence 20, Application US/09429322A

Patent No. 6190869

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTS-0100

CURRENT APPLICATION NUMBER: US/09/429,322A

CURRENT FILING DATE: 1999-10-26

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 20

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-429-322-20

Query Match 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 1.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2032 ACAACGGAAGACAG 2046

Db 18 ACAACGGAAGACAG 4

RESULT 1920

US-08-979-672-2

Sequence 2, Application US/08979672

Patent No. 6197503

GENERAL INFORMATION:

APPLICANT: Vo-Dinh, Tuan

APPLICANT: Wintenberg, Alan

APPLICANT: Ericson, Milton N.

TITLE OF INVENTION: INTEGRATED CIRCUIT BIOCHIP MICROSYSTEM

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Releasee #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/979,672

FILING DATE: Concurrently Herewith

```
CLASSIFICATION: 250
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: ORNL:002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-979-672-2

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4163 CTCCTCTGCCGAC 4177
DB 2 CTCCTCTCTCCAGC 16

RESULT 1921
US-09-323-743-14/C
Sequence 14, Application US/09323743
Patent No. 6214986
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Zhang, Qingqiong
TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISPH-0368
CURRENT APPLICATION NUMBER: US/09/323,743
CURRENT FILING DATE: 1999-06-01
EARLIER APPLICATION NUMBER: 09/277,020
EARLIER FILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-323-743-14

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 275 TCTCTTCTCTCTCT 289
DB 17 TCTCTTCTCTCTCT 3

RESULT 1922
US-08-205-697A-61
Sequence 61, Application US/08205697A
Patent No. 6218510
GENERAL INFORMATION:
APPLICANT: Sharpe, Arlene H.
APPLICANT: Borriello, Francescopaulo
APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.
TITLE OF INVENTION: No. 6218510el Forms of T Cell Costimulatory Molecules
TITLE OF INVENTION: and Uses Therefor
```

```
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/205,697A
FILING DATE: 02-Mar-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: BWI-120
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-205-697A-61

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2926 TCAAGTCTCTGACA 2940
DB 6 TGAAGTCTCTGACA 20

RESULT 1923
US-09-130-616-24
Sequence 24, Application US/09130616C
Patent No. 6221850
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0318
CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-130-616-24

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 AAGAGAGGCTGAC 210
|||||
```


Db 6 AAGGAGGAGGCTGCC 20

RESULT 1924

US-09-130-616-128
; Sequence 128, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Monia, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-09-130-616-128

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2176 ATATGAACATTCTCC 2190

Db 2 ATATCAACATTCTCC 16

RESULT 1925

US-09-313-932-278
; Sequence 278, Application US/0913932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 278
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-278

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2798 TCAGGAAGAGAAA 2812

Db 6 TCAGGAAGAGAGA 20

RESULT 1926

US-09-313-932-293/c
; Sequence 293, Application US/0913932A

Patent No. 6228642

; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 293
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-293

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4611 CCAGTCCCTCTCG 4625

Db 19 CCAATGCCCTCTCG 5

RESULT 1927

US-09-048-810-20/c
; Sequence 20, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-20

Query Match

Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;

Matches	14	Conservative	0	Mismatches	1	Indels	0	Gaps	0
QY	1576	AGTGGTGATCTTGG	1590						
Db	15	AGTGGTGATCTTGG	1						

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RESULT 1928
US-09-560-594-22
; Sequence 22, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCE: RTS-0144
; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-22

```

RESULT 1929
 US-09-487-368A-64
 Sequence 64, Application US/09487368A
 Patent No. 6261840
 GENERAL INFORMATION:
 APPLICANT: Lex M. Cowseart
 APPLICANT: Jacqueline Wyatt
 TITLE OF INVENTION: ANTISENSE MODULATION OF PPIIB EXPRESSION
 FILE REFERENCE: RTS-0093
 CURRENT APPLICATION NUMBER: US/09/487,368A
 CURRENT FILING DATE: 2000-01-18
 NUMBER OF SEQ ID NOS: 240
 SEQ ID NO 64
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-487-368A-64

RESULT 1930
 US-09-487-368A-108
 ; Sequence 108, Application US/09487368A
 ; Patent No. 6261840
 ; GENERAL INFORMATION:
 ; APPLICANT: Lex M. Cowsett
 ; APPLICANT: Jacqueline Wyatt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PPIB EXPRESSION
 ; FILE REFERENCE: RTS-0093

```

: CURRENT APPLICATION NUMBER: US/09/487,368A
:
: CURRENT FILING DATE: 2000-01-18
:
: NUMBER OF SEQ ID NOS: 240
:
: SEQ ID NO 108
:
: LENGTH: 20
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Antisense Oligonucleotide
:
: US-09-487-368A-108

```

```

RESULT 1933-68A-109
; Sequence 109, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPIIB EXPRESSION
; RITE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-109

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RESULT 1933
US-09-487-368A-110
Sequence 110, Application US/09487368A
Patent No. 6261840
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PIP3 EXPRESSION
FILE REFERENCE: RTS-0093
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 240
SEQ ID NO 110
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-110

```

Query Match	0.3%	Score	13.4	DB 1	Length	20			
Best Local Similarity	93.3%	Pred. No.	1.4e+03						
Matches	14	Conservative	0	Mismatches	1	Indels	0	Gaps	0

QY 3186 TGGGAAGTCACTAGC 3200
Db 3 TGGGAAGTCACTAGC 17

RESULT 1933
US-09-487-368A-216
; Sequence 216, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 216
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-216

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4912 CCATCCAGCAGCACA 4926
Db 6 CCAGCAGCAGCACA 20

RESULT 1934
US-08-943-731-526/C
; Sequence 526, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORRKO, JARMO
; APPLICANT: ALA-KORRKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P. C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 526:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-943-731-526

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3613 AGGACCGAGATCC 3627
Db 19 AGGACCGAGATCC 5

RESULT 1935
US-08-702-525-61
; Sequence 61, Application US/08702525
; Patent No. 6294660
; GENERAL INFORMATION:
; APPLICANT: Sharpe, Sharpe
; APPLICANT: Borriello, Francescopaolo
; APPLICANT: Freeman, Gordon
; APPLICANT: Nadler, Lee
; TITLE OF INVENTION: No. 6294660el Forms of T Cell Costimulatory
; TITLE OF INVENTION: Molecules and Uses Therefor
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/702,525
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/205,697
; FILING DATE: 02-Mar-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandagouras, Amy E.
; REGISTRATION NUMBER: 36,207
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-702-525-61

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2926 TCAGTCTCTGACA 2940
| | | | | | | | | |
| | | | | | | | | |
DB 6 TGAAGTCTCTGACA 20

RESULT 1936
US-09-193-562D-19/c
; Sequence 19, Application US/09193562D
; Patent No. 6309857
; GENERAL INFORMATION:
; APPLICANT: Pauli, Benedicht U.
; TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium
; FILE REFERENCE: 18617.0052
; CURRENT APPLICATION NUMBER: US/09/193,562D
; CURRENT FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: US/60/065,922
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-09-193-562D-19

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2611 ACAGCCCTGCTTTG 2625
| | | | | | | | | |
| | | | | | | | | |
DB 15 ACAGCCCTGCTGTG 1

RESULT 1937
US-09-193-562D-23/c
; Sequence 23, Application US/09193562D
; Patent No. 6309857
; GENERAL INFORMATION:
; APPLICANT: Pauli, Benedicht U.
; TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium
; FILE REFERENCE: 18617.0052
; CURRENT APPLICATION NUMBER: US/09/193,562D
; CURRENT FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: US/60/065,922
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-09-193-562D-23

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2611 ACAGCCCTGCTTTG 2625
| | | | | | | | | |
| | | | | | | | | |
DB 15 ACAGCCCTGCTGTG 1

RESULT 1938

US-09-326-186B-37
; Sequence 37, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-37

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3338 CTACGACGACCGCC 3352
| | | | | | | | | |
| | | | | | | | | |
DB 5 CTACTACGACCGCC 19

RESULT 1939
US-09-326-186B-52
; Sequence 52, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-52

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3338 CTACGACGACCGCC 3352
| | | | | | | | | |
| | | | | | | | | |
DB 5 CTACTACGACCGCC 19

RESULT 1940
US-09-326-186B-164
; Sequence 164, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the

```
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 164
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-164

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2926 TCAAGTCTCTGACA 2940
Db 2 TGAAGTCTCTGACA 16

RESULT 1941
US-09-468-872-72/c
; Sequence 72, Application US/09468872
; Patent No. 6331614
; GENERAL INFORMATION:
; APPLICANT: Mong, Alexander K.C.
; APPLICANT: Teng, David H.-F.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: Human CD14A Gene
; FILE REFERENCE: CD14A Gene
; CURRENT APPLICATION NUMBER: US/09/468,872
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: US 60/113,833
; EARLIER FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-468-872-72

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 296 TGCTTGCTTCTGTA 310
Db 20 TGCTTGCTTCTGTA 6

RESULT 1942
US-09-031-962D-6/c
; Sequence 6, Application US/09031962D
; Patent No. 6350867
; GENERAL INFORMATION:
; APPLICANT: Thomas C. Hart
; APPLICANT: Jennifer A. Price
; TITLE OF INVENTION: Methods and Compositions for Enhancing
; FILE REFERENCE: WFO98-18
; CURRENT APPLICATION NUMBER: US/09/031,962D
; CURRENT FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-031-962D-6

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3572 GTATGGGTCCTGAG 3586
Db 16 GTATGGGTCCTGAG 2

RESULT 1943
US-09-561-497-52
; Sequence 52, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: R1S-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-52

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4704 GCTTCAGTGACACA 4718
Db 6 GCTTCAGTGACACA 20

RESULT 1944
US-09-462-261-36
; Sequence 36, Application US/09462261
; Patent No. 6391636
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: Antisense Oligonucleotide
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Jane Massey Licata, Esq.
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/462,261
; FILING DATE: 01-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6391636ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; APPLICATION NUMBER: 08/250,856
```

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/ FILING DATE: May 31, 1994
/ APPLICATION NUMBER: 08/888,982
/ FILING DATE: July 7, 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 779-2400
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 36:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-462-261-36

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5133 TTTCCTTATGTGCT 5147
DB 6 TTTCCTTGTGCT 20

RESULT 1945
US-09-167-109-200/C
/ Sequence 200, Application US/09167109
/ Patent No. 6399297
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: Cosset, Lex M.
/ APPLICANT: Monia, Brett P.
/ APPLICANT: Xu, Xiaoxing S.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
/ FILE REFERENCE: ISPH-0321
/ CURRENT APPLICATION NUMBER: US/09/167,109
/ CURRENT FILING DATE: 1998-10-06
/ NUMBER OF SEQ ID NOS: 228
/ SEQ ID NO 200
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-167-109-200

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1663 GCCAGCTCCTGCAGC 1677
DB 20 GCCAGCTCCTGTGAC 6

RESULT 1946
US-09-851-520-58
/ Sequence 58, Application US/09851520
/ Patent No. 6399379
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Susan M. Freiler
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION
/ FILE REFERENCE: RTS-0241
/ CURRENT APPLICATION NUMBER: US/09/851,520
/ CURRENT FILING DATE: 2001-05-07
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 58
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-520-58

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4595 GAAGCATTAGAG 4609
DB 1 GAAGCATTAGAG 15

RESULT 1947
US-09-506-073-125
/ Sequence 125, Application US/09506073
/ Patent No. 6410518
/ GENERAL INFORMATION:
/ APPLICANT: Monia, Brett P.
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
/ FILE REFERENCE:
/ CURRENT APPLICATION NUMBER: US/09/506,073
/ CURRENT FILING DATE: 2000-02-18
/ EARLIER APPLICATION NUMBER: US 09/143,214
/ EARLIER FILING DATE: 1998-08-28
/ EARLIER APPLICATION NUMBER: PCT/US98/13961
/ EARLIER FILING DATE: 1998-07-06
/ EARLIER APPLICATION NUMBER: US 08/888,982
/ EARLIER FILING DATE: 1997-07-07
/ EARLIER APPLICATION NUMBER: US 08/756,806
/ EARLIER FILING DATE: 1996-11-26
/ EARLIER APPLICATION NUMBER: PCT/US95/07111
/ EARLIER FILING DATE: 1995-05-31
/ EARLIER APPLICATION NUMBER: US 08/250,856
/ EARLIER FILING DATE: 1994-05-31
/ NUMBER OF SEQ ID NOS: 130
/ SEQ ID NO 125
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-506-073-125

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5133 TTTCCTTATGTGCT 5147
DB 6 TTTCCTTGTGCT 20

RESULT 1948
US-09-295-593-4
/ Sequence 4, Application US/09295593
/ Patent No. 6417169
/ GENERAL INFORMATION:
/ APPLICANT: WRIGHT, Jim A.
/ APPLICANT: YOUNG, Aiping H.
/ APPLICANT: LEE, Yoon S.
/ TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
/ TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
/ FILE REFERENCE: 032396-046
/ CURRENT APPLICATION NUMBER: US/09/295,593
/ CURRENT FILING DATE: 1999-04-22
/ EARLIER APPLICATION NUMBER: US 60/082,791
/ EARLIER FILING DATE: 1998-04-23
/ NUMBER OF SEQ ID NOS: 37
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-295-593-4

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 GAGGCAACGGCGGC 423
DB 5 GAGGCAACGGCGGC 19

RESULT 1949
US-09-702-327-24/C
Sequence 24, Application US/09702327
Patent No. 642620

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702.327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-24

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2834 GCTGTGTGTGAGTT 2848
DB 20 GCTGTGTGTGAGTT 6

RESULT 1950
US-09-154-750A-1

Sequence 1, Application US/09154750A
Patent No. 6432640
GENERAL INFORMATION:
APPLICANT: Vogelestein, Bert
APPLICANT: Kinzler, Kenneth
APPLICANT: Polyak, Kornelia
TITLE OF INVENTION: p53-Induced Apoptosis
FILE REFERENCE: 1107.75357
CURRENT APPLICATION NUMBER: US/09/154.750A
CURRENT FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/059,153
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/079817
PRIOR FILING DATE: 1998-03-30
NUMBER OF SEQ ID NOS: 93
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-154-750A-1

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 55 CTGCCCCACCCATGC 69
DB 4 CTGCCCCACCCATGC 18

RESULT 1951
US-09-658-679A-57/C
Sequence 57, Application US/09658679A
Patent No. 644464

GENERAL INFORMATION:
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658.679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-57

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 750 GACCACTCATCCAG 764
DB 20 GACCACTCATCCAG 6

RESULT 1952
US-09-771-530A-1
Sequence 1, Application US/09771530A
Patent No. 6448064

GENERAL INFORMATION:
APPLICANT: TUAN, VO-DINH
TITLE OF INVENTION: INTEGRATED CIRCUIT BIOCHIP MICROSYSTEM
FILE REFERENCE: 6321-213CON
CURRENT APPLICATION NUMBER: US/09/771.530A
CURRENT FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 1
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Nucleic Acid Sequence Used In Gene Probe Biosensor
Patent No. 6448064
US-09-771-530A-1

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4163 CTCCTCTGCGCAGC 4177
DB 2 CTCCTCTGCGCAGC 16

RESULT 1953
US-09-851-062-75/C
Sequence 75, Application US/09851062
Patent No. 6448081

GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION

```

; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-75

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      849 GAGGAGGACACAGAA 863
DB      15 GAGGATGACACAGAA 1

RESULT 1954
US-09-517-467B-115/C
; Sequence 115, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-115

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GTCAGGCGCTTGCTG 1358
DB      19 GTGAGGCGCTTGCTG 5

RESULT 1955
US-09-360-416-43/C
; Sequence 43, Application US/09360416
; Patent No. 6458536
; GENERAL INFORMATION:
; APPLICANT: Richard A. Gatti
; TITLE OF INVENTION: METHODS FOR DETECTION OF ATRXIA
; FILE REFERENCE: 510015-222
; CURRENT APPLICATION NUMBER: US/09/360,416
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-360-416-43

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2797 GTCAGGAGGACAGAA 2811
DB      18 GTTAGGAGGACAGAA 4

RESULT 1956
US-09-918-686-34
; Sequence 34, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Proill, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Stehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-34

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2809 AAAATGAGAGAGAA 2823
DB      6 AAAATGAGAGAGCA 20

RESULT 1957
US-09-659-845A-122
; Sequence 122, Application US/09659845A
; Patent No. 6492170
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-122

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3219 GGCTCAGCATCACT 3233
DB      3 GGCTCAGCATCACT 17

RESULT 1958
US-09-844-521-30
; Sequence 30, Application US/09844521
; Patent No. 6492172
```



```
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Harris Busch
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0163
/ CURRENT APPLICATION NUMBER: US/09/844,521
/ CURRENT FILING DATE: 2001-04-27
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 30
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-844-521-30

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2842 TGAAGTTGGTGACA 2856
DB      1 TTAAGTTGGTGACA 15

RESULT 1959
US-09-844-521-48/C
/ Sequence 48, Application US/09844521
/ Patent No. 6492172
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Harris Busch
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0163
/ CURRENT APPLICATION NUMBER: US/09/844,521
/ CURRENT FILING DATE: 2001-04-27
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-844-521-48

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1353 TTGCTGCAGCAGGCT 1367
DB      19 TTGCTGCAGCTGGCT 5

RESULT 1960
US-09-629-644A-64
/ Sequence 64, Application US/09629644A
/ Patent No. 6492345
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowsett
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freier
/ APPLICANT: Brett P. Monia
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
```

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/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 64
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-629-644A-64

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      274 CTCTCTTCTCTCTC 288
DB      4 CTCTCTTCACTCTC 18

RESULT 1961
US-09-629-644A-108
/ Sequence 108, Application US/09629644A
/ Patent No. 6492345
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowsett
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freier
/ APPLICANT: Brett P. Monia
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 108
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-629-644A-108

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3186 TGGGAGTCACTAGC 3200
DB      1 TGGGAGTCACTGCG 15

RESULT 1962
US-09-629-644A-109
/ Sequence 109, Application US/09629644A
/ Patent No. 6602857
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowsett
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freier
/ APPLICANT: Brett P. Monia
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 109
/ LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-109

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3186 TGGGAGTCACTGCGC 3200
Db 2 TGGGAGTCACTGCGC 16

RESULT 1963
US-09-629-644A-110
; Sequence 110, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-110

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3186 TGGGAGTCACTGCGC 3200
Db 3 TGGGAGTCACTGCGC 17

RESULT 1964
US-09-629-644A-216
; Sequence 216, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 216
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-216

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4912 CCATCACCAGCCACA 4926
Db 6 CCAGCACCAGCCACA 20

RESULT 1965
US-09-629-644A-216
; Sequence 216, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacquelline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 216
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-216

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4912 CCATCACCAGCCACA 4926
Db 6 CCAGCACCAGCCACA 20

RESULT 1966
US-08-961-309-6/c
; Sequence 6, Application US/08961309
; Patent No. 6495137
; GENERAL INFORMATION:
; APPLICANT: Mezees, Peter S.
; APPLICANT: Richard, Ruth A.
; APPLICANT: Johnson, Kimberly S.
; APPLICANT: Schlom, Jeffrey
; APPLICANT: Kashmiri, Syed V.S.
; APPLICANT: Shu, Liming
; APPLICANT: Padian, Eduardo A.
; TITLE OF INVENTION: Composite Antibodies of Humanized Human Subgroup IV Light Chain
; FILE REFERENCE: 37777E
; CURRENT APPLICATION NUMBER: US/08/961,309
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 60/030,173
; EARLIER FILING DATE: 1996-10-31
; EARLIER APPLICATION NUMBER: US 08/261,354
; EARLIER FILING DATE: 1994-06-16
; EARLIER APPLICATION NUMBER: US 07/964,536
; EARLIER FILING DATE: 1992-10-20
; EARLIER APPLICATION NUMBER: US 07/510,697
; NUMBER OF SEQ ID NOS: 78
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; SOFTWARE: Microsoft Word 97 SR-2
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Primer HUVK3
; LOCATION: 1..20
; OTHER INFORMATION: Oligonucleotide used to sequence DNA encoding SCFV1
US-08-961-309-6

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4093 CTGCCACTGAGTCGG 4107
DB 20 CTGCCACTGAGTCGG 6

RESULT 1967
US-09-657-346A-117/C
; Sequence 117, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; EARLIER FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 117
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-117

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 ACATTGTTCCAGCGA 1010
DB 19 ACATTGTTCCAGCGA 5

RESULT 1968
US-09-172-699-10
; Sequence 10, Application US/09172699A
; Patent No. 6514690
; GENERAL INFORMATION:
; APPLICANT: Anderson, David A.
; APPLICANT: Locarnini, Stephen A.
; APPLICANT: Toreasi, Joseph
; APPLICANT: Hui, Zhuang
; TITLE OF INVENTION: IMMUNOREACTIVE ANTIGENS OF HEPATITIS E VIRUS
; FILE REFERENCE: Davies Col. Cave
; CURRENT APPLICATION NUMBER: US/09/172,699A
; EARLIER FILING DATE: 1998-10-14
; EARLIER APPLICATION NUMBER: 08/617,927
; EARLIER FILING DATE: 1996-06-20
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:HEV Primer (ORF
; OTHER INFORMATION: 2.0 reverse)
US-09-172-699-10

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4645 CTTAAGAGCTGAG 4659
DB 2 CTTAAGAGCTGAG 16

RESULT 1969
US-09-422-978-5718/C
; Sequence 5718, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1998-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5718
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-6411 for SEQ 1784,
US-09-422-978-5718

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2135 GACTTCAGAGATGA 2149
DB 19 GACTTCAGAGATGA 5

RESULT 1970
US-09-422-978-10511/C
; Sequence 10511, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1998-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10511
; LENGTH: 20
; TYPE: DNA
```

```

; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-12595 for SEQ 2646, in complem
US-09-422-978-10511

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5193 TGTGTGAATGCAGAA 5207
DB 15 TGTGTGAATGCAGAA 1

RESULT 1971
US-09-422-978-11207
; Sequence 11207, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11207
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-3398 for SEQ 3342, in complem
US-09-422-978-11207

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2367 CTGCTCAGAGAGG 2381
DB 6 CTGCTCAGAGAGG 20

RESULT 1972
US-09-614-614-27
; Sequence 27, Application US/09614614
; Patent No. 6544741
; GENERAL INFORMATION:
; APPLICANT: MUGASIMANGALAM, RAJA
; TITLE OF INVENTION: SEQUENCE SPECIFIC AND SEQUENCE NON-SPECIFIC METHODS AND MATER
; FILE REFERENCE: CDNA NORMALIZATION AND SUBTRACTION
; FILE REFERENCE: 540579-2003
; CURRENT APPLICATION NUMBER: US/09/614,614
; CURRENT FILING DATE: 2000-07-12
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
```

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; LOCATION: (1)..(20)
; OTHER INFORMATION: killer primer
US-09-614-614-27

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3416 CATATCACCACCAAGAA 3430
DB 3 CAGATCACCACCAAGAA 17

RESULT 1973
US-09-705-267A-131/c
; Sequence 131, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-131

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2910 CACATCTCATCAGC 2924
DB 19 CACATCTCATCAGC 5

RESULT 1974
US-09-705-267A-141/c
; Sequence 141, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-141

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4049 AGGACCTCAGGAG 4063
DB 20 AGGACCTCAGGAG 6
```

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RESULT 1975
US-09-705-267A-156/c
; Sequence 156, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAPID EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 156
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-156

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2910 CACATCCTCATCAGC 2924
Db 16 CACATCCTCAGCAGC 2

RESULT 1976
US-09-198-452A-1583/c
; Sequence 1583, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1583
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1583

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1854 ATCGGACCCCAAG 1868
Db 18 ATCGGACCCCAAG 4

RESULT 1977
US-09-198-452A-2148
; Sequence 2148, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2148
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2148

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3226 GCATCCTGAATCA 3240
Db 2 GCATCCTGAATCA 16

RESULT 1978
US-09-198-452A-3331
; Sequence 3331, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3331
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3331

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2994 ACGAGCTGCCATC 3008
Db 3 ACGAGCTGCCATC 17

RESULT 1979
US-09-198-452A-3480/c
; Sequence 3480, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3480
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3480

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3586 GTTCCTTCCTAAGC 3600
Db 16 GTTCCTTCCTAAGC 2

RESULT 1980
US-09-198-452A-4012/c
; Sequence 4012, Application US/09198452A
; Patent No. 6559294
```



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; Patent No. 6566132
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 1 EXPRESSION
; FILE REFERENCE: RFS-0234
; CURRENT APPLICATION NUMBER: US/09/843,376
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-376-13

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      283 TCTCTCTCTCTCTTG 297
Db      1 TCTCTCTCTCTATG 15

RESULT 1986
US-09-249-247-95/c
; Sequence 95, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-95

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3072 ACCTTCAGGGCAG 3086
Db      16 ATCTCTCAGGGCAG 2

RESULT 1987
US-09-249-247-96/c
; Sequence 96, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
```

```
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1..120)
; OTHER INFORMATION: Nucleotides 1&2, 3&4, 5&6, 7&8, 9&10, 11&12,
; OTHER INFORMATION: 13&14, 15&16, 17&18, and 19&20 are attached by
; OTHER INFORMATION: phosphorothioate.
US-09-249-247-96

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3072 ACCTTCAGGGCAG 3086
Db      16 ATCTCTCAGGGCAG 2

RESULT 1988
US-09-526-193A-144
; Sequence 144, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-144

Query Match          0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1050 CTTAAGCCATCCAA 1064
Db      2 CTTAAGCCATCCAA 16

RESULT 1989
US-09-743-871B-20/c
; Sequence 20, Application US/09743871B
; Patent No. 6627734
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
```

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; TITLE OF INVENTION: IDENTIFICATION AND EXPRESSION OF MULTIPLE SPLICE VARIANTS OF MOUS
; FILE REFERENCE: KAPPA3-RELATED OPIOID RECEPTOR (KOR-3) GENE
; CURRENT APPLICATION NUMBER: US/09/743,871B
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: PCT/US99/15977
; PRIOR FILING DATE: 1997-07-15
; PRIOR APPLICATION NUMBER: 60/093,002
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-09-743-871B-20

Query Match      0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1791 TCCAGGGCAGGGA 1805
DB      19   TCCAGGGCAGGGA 5

RESULT 1990
US-09-033-936-5/c
; Sequence 5, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HIROSHI
; APPLICANT: HANAKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-5

Query Match      0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3370 GGGCCTGACGAGGAG 3384
DB      15   GGGCCTGACGAGAG 1

RESULT 1991
US-09-860-473-32/c
; Sequence 32, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
```

```

; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-32

Query Match      0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      274 CTCCTCTCTCTCTC 288
DB      18   CTCCTCTCTCTC 4

RESULT 1992
US-09-495-714C-105
; Sequence 105, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-105

Query Match      0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1101 TTGTGAGACAGAGG 1115
DB      3   TTGTGAGACAGAGG 17

RESULT 1993
US-09-234-395-322/c
; Sequence 322, Application US/09234395
; Patent No. 6680175
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Byers, Stephen
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
; FILE REFERENCE: 100086.407C2
; CURRENT APPLICATION NUMBER: US/09/234,395
; CURRENT FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 322
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: E-Cadherin
US-09-234-395-322

Query Match      0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2812 ATGAAGAGGAAGTG 2826
DB      11   ATGAAGAGGAAGTG 11
```


Db 19 ATGAGAAGAGAGTG 5

RESULT 1994

US-09-305-928-322/c

Sequence 322, Application US/09305928

Patent No. 6682901

GENERAL INFORMATION:

APPLICANT: Blaschuk, Orest W.

APPLICANT: Byers, Stephen

APPLICANT: Gout, Barbara J.

TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER

FILE REFERENCE: 100086.407C4

CURRENT APPLICATION NUMBER: US/09/305,928

CURRENT FILING DATE: 1999-05-05

NUMBER OF SEQ ID NOS: 324

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 322

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: E-Cadherin

US-09-305-928-322

Query Match

Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 1.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2812 ATGAGAAGAGAGTG 2826

Db 19 ATGAGAAGAGAGTG 5

RESULT 1995

US-10-055-412B-19/c

Sequence 19, Application US/10055412B

Patent No. 6692939

GENERAL INFORMATION:

APPLICANT: Pauli, Benedicht U.

TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium

FILE REFERENCE: 18617.0058

CURRENT APPLICATION NUMBER: US/10/055,412B

CURRENT FILING DATE: 2001-10-29

PRIOR APPLICATION NUMBER: US/09/193,562

PRIOR FILING DATE: 1998-11-17

PRIOR APPLICATION NUMBER: US/60/065,922

PRIOR FILING DATE: 1997-11-17

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 19

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Amplification primer

US-10-055-412B-19

Query Match

Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 1.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2611 ACAGCCCTGTCTTG 2625

Db 15 ACAGCCCTGTCTGTG 1

RESULT 1996

US-10-055-412B-23/c

Sequence 23, Application US/10055412B

Patent No. 6692939

GENERAL INFORMATION:

APPLICANT: Pauli, Benedicht U.

TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium

FILE REFERENCE: 18617.0058

CURRENT APPLICATION NUMBER: US/10/055,412B

CURRENT FILING DATE: 2001-10-29

PRIOR APPLICATION NUMBER: US/09/193,562

PRIOR FILING DATE: 1998-11-17

PRIOR APPLICATION NUMBER: US/60/065,922

PRIOR FILING DATE: 1997-11-17

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 23

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Amplification primer

US-10-055-412B-23

Query Match

Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 1.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2611 ACAGCCCTGTCTTG 2625

Db 15 ACAGCCCTGTCTGTG 1

RESULT 1997

US-09-966-451-26

Sequence 26, Application US/09966451

Patent No. 6692959

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freiler

TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRES

FILE REFERENCE: RTS-0324

CURRENT APPLICATION NUMBER: US/09/966,451

CURRENT FILING DATE: 2001-09-28

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 26

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-966-451-26

Query Match

Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 1.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2616 CCTGTCTTGCCACA 2630

Db 1 CCTGTCTTGTCACA 15

RESULT 1998

US-09-953-318-139

Sequence 139, Application US/09953318

Patent No. 6710174

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT

FILE REFERENCE: RTS-0232

CURRENT APPLICATION NUMBER: US/09/953,318

CURRENT FILING DATE: 2001-09-13

NUMBER OF SEQ ID NOS: 154

SEQ ID NO 139

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-139

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4558 AACCCACCGATTAA 4572
|||||
Db 6 AACCTCCAGTTTAA 20

RESULT 1999
US-09-627-465B-30
Sequence 30, Application US/09627465B
Patent No. 6737519
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
APPLICANT: LITTLE, RANDALL D.
APPLICANT: BERDEWEGH, PAUL VAN
APPLICANT: DUPUIS, JOSEF
APPLICANT: DEL MASTRO, RICHARD L.
APPLICANT: SIMON, JASON
APPLICANT: ALLEN, KRISTINA
APPLICANT: PANDIT, SUNIL
TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND OBESITY
FILE REFERENCE: 2976-4037
CURRENT APPLICATION NUMBER: US/09/627,465B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 60/211,749
PRIOR FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: 60/146,336
PRIOR FILING DATE: 1999-07-30
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn Ver 2.1
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-627-465B-30

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4153 CTCCTGCTGGCTCT 4167
|||||
Db 6 CTCCTGATGGCTCT 20

RESULT 2000
US-09-329-515A-9
Sequence 9, Application US/09329515A
Patent No. 6740487
GENERAL INFORMATION:
APPLICANT: Schwartz, David A.
APPLICANT: Schulte, Brian C.
TITLE OF INVENTION: Variant TUR4 nucleic acid and uses thereof
FILE REFERENCE: 875.010US1
CURRENT APPLICATION NUMBER: US/09/329,515A
CURRENT FILING DATE: 1999-06-10
NUMBER OF SEQ ID NOS: 65
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-329-515A-9

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 310 AATGAGAGATTCTC 324
|||||
Db 5 AATGGGAGATTCTC 19

RESULT 2001
US-10-172-911-80/C
Sequence 80, Application US/10172911
Patent No. 6743909
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseert
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PRPN12 EXPRESSION
FILE REFERENCE: PUS-0016
CURRENT APPLICATION NUMBER: US/10/172,911
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 123
SEQ ID NO 80
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-172-911-80

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4999 TGCTCTCCAGCCTGG 5013
|||||
Db 18 TGACTCCAGCCTGG 4

RESULT 2002
US-09-865-879-24/C
Sequence 24, Application US/09865879
Patent No. 6767705
GENERAL INFORMATION:
APPLICANT: Roninson, Igor
APPLICANT: Dokmanovic, Milos
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
FILE REFERENCE: 99,216-H
CURRENT APPLICATION NUMBER: US/09/865,879
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/207,535
PRIOR FILING DATE: 2000-05-26
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIn version 3.0
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Sense primer for EPLIN beta
US-09-865-879-24

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4306 ACAGTGGGTCCTCC 4320
|||||
Db 20 ACAGTCAGGTCCTCC 6

```
RESULT 2003
US-09-574-779B-22/c
; Sequence 22, Application US/09574779B
; Patent No. 6767720
; GENERAL INFORMATION:
; APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE
; TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
; FILE REFERENCE: 2676-4415US
; CURRENT APPLICATION NUMBER: US/09/574,779B
; CURRENT FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 99201543.8
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 158
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer FVR360R
US-09-574-779B-22

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3895 TCAACCGCAGACCC 3909
DB 20 TCAACCGCAGACCC 6

RESULT 2004
US-09-574-779B-31/c
; Sequence 31, Application US/09574779B
; Patent No. 6767720
; GENERAL INFORMATION:
; APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE
; TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
; FILE REFERENCE: 2676-4415US
; CURRENT APPLICATION NUMBER: US/09/574,779B
; CURRENT FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 99201543.8
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 158
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer FVR511P
US-09-574-779B-31

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4233 AGAGTCACTGCTCG 4247
DB 16 AGAGTCACTGCTGTG 2

RESULT 2005
US-09-544-398B-292/c
; Sequence 292, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
```

```
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 292
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-292

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1644 AAAAGAGAGAGGCC 1658
DB 20 AAAAGAGAGAGGCC 6

RESULT 2006
PCT-US95-02576-61
; Sequence 61, Application PC/TUS9502576
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Novel Forms of T Cell Costimulatory Molecules
; NUMBER OF INVENTION: and Uses Therefor
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02576
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/205,697
; FILING DATE: 02-Mar-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: BWT-120CPBC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; PCT-US95-02576-61

Query Match
Best Local Similarity 0.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2926 TCAAGTCTCTGACA 2940
| | | | |
DB 6 TGAAGTCTCTGACA 20

RESULT 2007
PCT-US95-04477-78
Sequence 78, Application PC/TUS9504477
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
NUMBER OF SEQUENCES: 165
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04477
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/228,935
FILING DATE: 14-APR-1994
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
SYNTHETIC DNA"
PCT-US95-04477-78

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5091 GCTCTGCTTCTTGG 5105
| | | | |
DB 1 GATCTGCTTCTTGG 15

RESULT 2008
PCT-US96-09358-30/C
Sequence 30, Application PC/TUS9609358
GENERAL INFORMATION:
APPLICANT: The General Hospital Corporation
TITLE OF INVENTION: CATALYTIC DNA
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street,
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09358
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/487,867
FILING DATE: 07-JUN-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:

NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/273001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US96-09358-30

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5100 CCTGGTTATTAGGA 5114
| | | | |
DB 20 CCTGGTTATTAGGA 6

RESULT 2009
PCT-US96-09430-3
Sequence 3, Application PC/TUS9609430
GENERAL INFORMATION:
APPLICANT: Glazer, Peter M.
TITLE OF INVENTION: TREATMENT OF HEMOGLOBINOPATHIES
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: OncorPharm, Inc.
STREET: 200 Perry Parkway
CITY: Gaithersburg
STATE: Maryland
COUNTRY: US
ZIP: 20877
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09430
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,845
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Karta, Glenn E.
REGISTRATION NUMBER: 30,649
REFERENCE/DOCKET NUMBER: PA-0040
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-527-2058
TELEFAX: 301-208-6997
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US96-09430-3

Query Match 0.3%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 1.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5110 TAGGAGATAGATGC 5124
|||||
Db 6 TAGGAGAGAGATGC 20

RESULT 2010
US-09-232-785-357
; Sequence 357, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E180U1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 357
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-357

Query Match 0.3%; Score 13.4; DB 1; Length 24;
Best Local Similarity 73.9%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4415 TAATATATATATATATATATA 4437
|||||
Db 1 TATATATATATATATATATATA 23

RESULT 2011
US-07-714-687-49/C
; Sequence 49, Application US/07714687
; Patent No. 5514375
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUSVACCINE
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/714,687
; FILING DATE: 19910613
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/567960
; FILING DATE: 15-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/711429
; FILING DATE: 06-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2310
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)840-3333
TELEFAX: (212)840-0712
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-714-687-49

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 CATGCTGCTAGGCCATG 82
|||||
Db 18 CATGATTTCTAGACCATG 1

RESULT 2012
US-08-152-313-51
; Sequence 51, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Spensley Horn Juba & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Weherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
US-08-152-313-51

US-08-152-313-51

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3239 CATCAACCCCACTACAT 3256
|||||
Db 1 CATCACTGCAACTACAT 18

RESULT 2013

US-08-369-282-2/c
; Sequence 2, Application US/08369282
; Patent No. 5593974
; GENERAL INFORMATION:
; APPLICANT: ROSENBERG, ROBERT D
; APPLICANT: SIMONS, MICHAEL
; APPLICANT: EDELMAN, ELAZER
; APPLICANT: LANGER, ROBERT S
; APPLICANT: DEKESER, JEAN-LUC
; TITLE OF INVENTION: LOCALIZED OLIGONUCLEOTIDE THERAPY
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA HURWITZ & THIBEAULT
; STREET: EXCHANGE PLACE, 53 STATE STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/369,282
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/855,416
; FILING DATE:
; APPLICATION NUMBER: US 792,146
; FILING DATE: 08-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 723,454
; FILING DATE: 28-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: PITCHER ESQ, EDWARD R
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: MITS583CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/248-7000
; TELEFAX: 617/248-7100
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: YES
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: /standard_name= "ANTISENSE HUMAN"
; OTHER INFORMATION: NMHC
; OTHER INFORMATION: /note= "ANTISENSE SEQUENCE TO HUMAN NMHC"
US-08-369-282-2

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 549 TCCAGGCGAGAGCTG 566
Db 18 TCCAGGTGAGAGCATG 1

RESULT 2014
US-08-480-547A-18/c
; Sequence 18, Application US/08480547A
; Patent No. 5652131
; GENERAL INFORMATION:
; APPLICANT: Beavo, Joseph A.

APPLICANT: Corbin, Jackie D.
; APPLICANT: Ferguson, Kenneth M.
; APPLICANT: Francis, Sharon H.
; APPLICANT: Kadlecik, Ann
; APPLICANT: Loughney, Kate
; APPLICANT: McAllister-Lucas, Linda M.
; APPLICANT: Sonnenburg, William K.
; APPLICANT: Thomas, Melissa K.
; TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
; TITLE OF INVENTION: Phosphodiesterase Materials and Methods
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Seare Tower, 233 S. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,547A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5652131and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32791
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELER: 25-3856
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-480-547A-18

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2849 TCGTAGACTCTTCCAA 2866
Db 18 TGATGAGATCTTCCAA 1

RESULT 2015
US-08-066-325-112/c
; Sequence 132, Application US/08066325
; Patent No. 5667967
; GENERAL INFORMATION:
; APPLICANT: Steinman, Lawrence
; APPLICANT: Oksenberg, Jorge
; APPLICANT: Bernard, Claude
; TITLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKER
; NUMBER OF SEQUENCES: 157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/066,325
FILING DATE: 21-MAY-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5667967tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-066-325-132

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3699 AAGCCGAGGAGCTGAT 3716
Db 18 AAGTCCCGAGGCTGCT 1

RESULT 2016
US-08-250-847B-18/c
Sequence 18, Application US/08250847B
Patent No. 5702936
GENERAL INFORMATION:
APPLICANT: Beavo, Joseph A.
APPLICANT: Corbin, Jackie D.
APPLICANT: Ferguson, Kenneth M.
APPLICANT: Francis, Sharon H.
APPLICANT: Kadlecik, Ann
APPLICANT: Loughney, Kate
APPLICANT: Mcallister-Lucas, Linda M.
APPLICANT: Sonnenburg, William K.
TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
TITLE OF INVENTION: Phosphodiesterase Materials and Methods
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 21-MAY-1993
APPLICATION NUMBER: US/08/250,847B
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,051
FILING DATE: 27-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5702936and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300

TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-250-847B-18

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2849 TGGTGAGACTTTCCTCAA 2866
Db 18 TGATGAGATCTTCCTCAA 1

RESULT 2017
US-08-579-223-51
Sequence 51, Application US/08579223
Patent No. 5726019
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
TITLE OF INVENTION: ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,223
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-579-223-51

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3239 CATCAACCCCACTACAT 3256
Db 18 CATCAACCCCACTACAT 1

DB 1 CATCCTGCACTACAT 18

RESULT 2018
US-08-224-391-49/C
Sequence 49, Application US/08224391
Patent No. 5744140
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Pincus, Steven E.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,391
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/729,800
FILING DATE: 17-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2340
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-224-391-49

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 CATGCTGCTAGGCGCATG 82
DB 18 CATGCTTCTAGACCATG 1

RESULT 2019
US-08-484-304-49/C
Sequence 49, Application US/08484304
Patent No. 5744141
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Pincus, Steven E.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,304
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/224,391
FILING DATE:
APPLICATION NUMBER: US 07/729,800
FILING DATE: 17-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2340
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-484-304-49

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 CATGCTGCTAGGCGCATG 82
DB 18 CATGCTTCTAGACCATG 1

RESULT 2020
US-08-742-023-39
Sequence 39, Application US/08742023
Patent No. 5800997
GENERAL INFORMATION:
APPLICANT: Beck, James J.
TITLE OF INVENTION: Detection of Maize Fungal Pathogens
TITLE OF INVENTION: Using the Polymerase Chain Reaction
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005
CITY: Tarrytown
STATE: NY
COUNTRY: USA
ZIP: 10591

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,023
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8587
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer JB626"
US-08-742-023-39

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3259 GAGTGGGCGCTTTGGGC 3276
DB 1 GAGTGGGCGCTTTGGGC 18

RESULT 2021
US-08-758-306-509/c
Sequence 509, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758.306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 509:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-509

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2413 AGAAGAAATCAGCTTG 2430
DB 18 AGAAGAAATCAGCTTG 1

RESULT 2022
US-08-311-486C-1060/c
Sequence 1060, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311.486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008.895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1060:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-1060

two

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1604 GGAAGAGATCCTCGGAA 1621
DB 18 GGAAGAGATCCTCGGAA 1

RESULT 2023
US-08-311-486C-1080
Sequence 1080, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper

APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 421:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid.
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-421

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5202 GCAGAGGAGATGCACCC 5219
Db 1 GCAGATGAATGCACCC 18

RESULT 2026
US-08-627-254C-6/c
Sequence 6, Application US/08627254C
Patent No. 5859229
GENERAL INFORMATION:
APPLICANT: Kniss, Douglas A.
TITLE OF INVENTION: Eicosanoid Formation
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griwold LLP
STREET: 800 Superior Avenue
CITY: Cleveland
STATE: Ohio
COUNTRY: USA
ZIP: 44114
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/627,254C
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Golrick, Mary E.
REGISTRATION NUMBER: 34,829
REFERENCE/DOCKET NUMBER: 18525/00107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEFAX: (216) 241-0816
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
ANTI-SENSE: YES
US-08-627-254C-6

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2919 ATCAGATCAAGTCTCT 2936
Db 18 ATCAGATCAATCTCT 1

RESULT 2027
US-08-627-254C-12/c
Sequence 12, Application US/08627254C
Patent No. 5859229
GENERAL INFORMATION:
APPLICANT: Kniss, Douglas A.
TITLE OF INVENTION: Eicosanoid Formation
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griwold LLP
STREET: 800 Superior Avenue
CITY: Cleveland
STATE: Ohio
COUNTRY: USA
ZIP: 44114
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/627,254C
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Golrick, Mary E.
REGISTRATION NUMBER: 34,829
REFERENCE/DOCKET NUMBER: 18525/00107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEFAX: (216) 241-0816
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
ANTI-SENSE: YES
US-08-627-254C-12

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3922 CGCCGCGCCGCGCTGC 3939
Db 18 CGCCGCGCCGCGCTGC 1

RESULT 2028
US-09-205-922-28/c
Sequence 28, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 28
LENGTH: 18

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-28

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 737 CTTGACCAAGCTGGACCA 754
DB 18 CTTGACCAAGCTGGCTCTA 1

RESULT 2029
US-09-205-922-38/c
; Sequence 38, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLA-11 EXPRESSION
; FILE REFERENCE: RTS-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-38

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4607 AAGCCAGTGCCTCTCG 4624
DB 18 AAGCCAGTGCCTCTCG 1

RESULT 2030
US-08-463-949A-18/c
; Sequence 18, Application US/08463949A
; Patent No. 5955583
; GENERAL INFORMATION:
; APPLICANT: Beavo, Joseph A.
; APPLICANT: Corbin, Jackie D.
; APPLICANT: Ferguson, Kenneth M.
; APPLICANT: Francis, Sharon H.
; APPLICANT: Kalecek, Ann
; APPLICANT: Loughney, Kate
; APPLICANT: McAllister-Lucas, Linda M.
; APPLICANT: Sonnenburg, William K.
; APPLICANT: Thomas, Melissa K.
; TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
; TITLE OF INVENTION: Phosphodiesterase Materials and Methods
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 S. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/463,949A
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/068,051
; FILING DATE: 27-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 595583and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32706
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-463-949A-18

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2849 TGTGAGACTCTCCAA 2866
DB 18 TGATGAGATCTCCAAA 1

RESULT 2031
US-09-200-141-28
; Sequence 28, Application US/09200141
; Patent No. 5985663
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF Interleukin-15 EXPRESSION
; FILE REFERENCE: RTS-0022
; CURRENT APPLICATION NUMBER: US/09/200,141
; CURRENT FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-200-141-28

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4701 CCAGCTCAGTGACACAA 4718
DB 1 CCAGCTCAGTTAGAAA 18

RESULT 2032
US-08-956-242-10/c
; Sequence 10, Application US/08956242C
; Patent No. 5986081
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; APPLICANT: Titus, Steven A.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296.94550
; CURRENT APPLICATION NUMBER: US/08/956,242C
; CURRENT FILING DATE: 1997-10-22
; NUMBER OF SEQ ID NOS: 13
```

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-08-956-242-10

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1688 CAAGCAGCAGCAGCAGCC 1705
DB 18 CAAGCAGCAGCAGCAGCC 1

RESULT 2033
US-08-857-946-8/C
Sequence 8, Application US/08857946
Patent No. 5994075
GENERAL INFORMATION:
APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
TITLE OF INVENTION: GENE OF INTEREST
NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 75 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1807

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,946
FILING DATE: 16-MAY-1997
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-857-946-8

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3919 CGAGCGCGCGCGCGCGC 3936
DB 18 CGCGCGCGCGCGCGCGC 1

RESULT 2034

US-09-256-496-74/C
Sequence 74, Application US/09256496
Patent No. 5998206
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
FILE REFERENCE: RTS-0056
CURRENT APPLICATION NUMBER: US/09/256,496
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 74
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-74

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 735 TTCCTCACCAGCTGCAC 752
DB 18 TTCCTCACCAGCTGCAC 1

RESULT 2035
US-09-161-244-29
Sequence 29, Application US/09161244
Patent No. 6004814
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
FILE REFERENCE: RTS-0007
CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-244-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1981 TGGTGTGGCAAGCTCG 1998
DB 1 TGGTGTGGTGAAGTCTG 18

RESULT 2036
US-09-161-244-41
Sequence 41, Application US/09161244
Patent No. 6004814
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
FILE REFERENCE: RTS-0007
CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 41
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-244-41

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1489 TTAAGAGTCAAGCATG 1506
DB 1 TTAATRACTCCAAAGATG 18

RESULT 2037
US-09-106-038A-66
Sequence 66, Application US/09106038A
Patent No. 6007995

GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-66

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2833 AGCTGTGAGTGAAGTTG 2850
DB 1 AGCTGAGGTGAAGTTG 18

RESULT 2038
US-09-205-921-12
Sequence 12, Application US/09205921A
Patent No. 6008048

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: ex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
CURRENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 12
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-12

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2918 CATCAGCATCAAGTCCTC 2935
DB 1 CAGCAGCATCACTCCTC 18

RESULT 2039
US-09-255-888-36/c
Sequence 36, Application US/09255888
Patent No. 6013787

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF SNAD4 EXPRESSION
FILE REFERENCE: RTS-0041
CURRENT APPLICATION NUMBER: US/09/255,888
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-888-36

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1623 GAAATGTTGTTGCTGAC 1640
DB 18 GAAATGTTGTTGCTGCC 1

RESULT 2040
US-08-970-740-8/c
Sequence 8, Application US/08970740
Patent No. 6015670

GENERAL INFORMATION:
APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
NUMBER OF SEQUENCES: 162
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: 28 State Street, 28th Floor
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAY-1997

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-7111
TELEFAX: 617-227-4399
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-970-740-8

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3919 CGACGCCGCGCGCCGCC 3936
DB 18 CGCGCGCGTGC CGCGCC 1

RESULT 2041
US-09-161-443-8
Sequence 8, Application US/09161443A
Patent No. 6020198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
FILE REFERENCE: RTS-0011
CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 8
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-8

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1048 ATCTTAAGCCATCAAG 1065
DB 1 ATCTTAATGACATTCAG 18

RESULT 2042
US-08-181-664-38
Sequence 38, Application US/08181664
Patent No. 6025127
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
TITLE OF INVENTION: HISTOLOGIC TISSUE
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSER: Spensley Horn Jubs & Lubitz
STREET: 1890 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,664
FILING DATE: JANUARY 14, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-3055
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-181-664-38

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3239 CATCAACCCCACTACAT 3256
DB 1 CATCCAGTCACTACAT 18

RESULT 2043
US-09-339-964-20/c
Sequence 20, Application US/09339964
Patent No. 6025198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 20
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-20

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2646 ACTTCCAGTTGTCTCC 2663
DB 18 ACTTCCAGTTGTCTCC 1

RESULT 2044
US-08-757-024-835/c
Sequence 835, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA

NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 835:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-835

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1701 CAGCCGAGCCGACATG 1718
Db 18 CAGCCTGTGCCCCCATG 1

RESULT 2045
US-08-464-410A-18/c
Sequence 18, Application US/08464410A
Patent No. 6037119
GENERAL INFORMATION:
APPLICANT: Beavo, Joseph A.
APPLICANT: Corbin, Jackie D.
APPLICANT: Ferguson, Kenneth M.
APPLICANT: Francis, Sharon H.
APPLICANT: Kadlecik, Ann
APPLICANT: Loughney, Kate
APPLICANT: McAllister-Lucas, Linda M.
APPLICANT: Sonnenburg, William K.
APPLICANT: Thomas, Melissa K.
TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
TITLE OF INVENTION: Phosphodiesterase Materials and Methods
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,410A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 6037119and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32705
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-464-410A-18

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2849 TGGTGAGACTCTCCCAA 2866
Db 18 TGATGAGACTCTCCCAA 1

RESULT 2046
US-09-255-912-12
Sequence 12, Application US/09255912
Patent No. 6037142
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Coweirt
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD2 EXPRESSION
FILE REFERENCE: RTS-0044
CURRENT APPLICATION NUMBER: US/09/255,912
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 12
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-912-12

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1191 CTCGCATCCCTGAGACTT 1208
Db 1 CTCGCATCCGAGACTT 18

RESULT 2047
US-09-255-912-29
Sequence 29, Application US/09255912
Patent No. 6037142
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Coweirt
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD2 EXPRESSION
FILE REFERENCE: RTS-0044
CURRENT APPLICATION NUMBER: US/09/255,912
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
LENGTH: 18
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-912-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4192 TTGTGTTTCCAGGAG 4209
DB 1 TTAGTGTTCGGAATG 18

RESULT 2048
US-09-344-520-29/c
Sequence 29, Application US/09344520
Patent No. 6037176
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF Integrin beta 3 EXPRESSION
FILE REFERENCE: RTS-0070
CURRENT APPLICATION NUMBER: US/09/344,520
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4165 CCTCTGCCCGAGCTTCT 4182
DB 18 CCACCTGCCCGAGTGCCT 1

RESULT 2049
US-09-256-465-43/c
Sequence 43, Application US/09256465
Patent No. 6043090
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
FILE REFERENCE: RTS-0035
CURRENT APPLICATION NUMBER: US/09/256,465
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 43
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-465-43

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2914 TCCTCATCAGCATCACT 2931
DB 18 TCTTCTCAGCATCACT 1

RESULT 2050
US-09-344-579-45
Sequence 45, Application US/09344579
Patent No. 6054316
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
FILE REFERENCE: RTS-0063
CURRENT APPLICATION NUMBER: US/09/344,579
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-45

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 899 CATCCCGCTGACTGCCAG 916
DB 1 CGTCCCGAGTGCAG 18

RESULT 2051
US-08-850-613A-5/c
Sequence 5, Application US/08850613A
Patent No. 6063568
GENERAL INFORMATION:
APPLICANT: John C. Gerdes
APPLICANT: Jeffrey M. Marmaro
TITLE OF INVENTION: QUANTITATION OF RNA TRANSCRIPTS
TITLE OF INVENTION: USING GENOMIC DNA AS THE INTERNAL
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Julie L. Bernard
STREET: 9000 E. Inspiration Drive
CITY: Parker
STATE: Colorado
COUNTRY: USA
ZIP: 80134-8535
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,613A
FILING DATE: 2 May 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/016,710
FILING DATE: 2 May 1996
ATTORNEY/AGENT INFORMATION:
NAME: Julie L. Bernard
REGISTRATION NUMBER: 36,450
REFERENCE/DOCKET NUMBER: IAD-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303 841 7472
TELEFAX: 303 840 1567
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-850-613A-5

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3342 GACGAGCGCCGACGAC 3359
|||||
DB 18 GACGAGCGCCGACATATAC 1

RESULT 2052
US-09-339-775-18/c
; Sequence 18, Application US/09339775
; Patent No. 6063626
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0069
; CURRENT APPLICATION NUMBER: US/09/339,775
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-18

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2044 CAGGATGCAACACAC 2061
|||||
DB 18 CAGGATGTAACACAC 1

RESULT 2053
US-08-968-505-39
; Sequence 39, Application US/08968505
; Patent No. 6071698
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens
; TITLE OF INVENTION: Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 520 White Plains Road, P.O. Box 2005
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/968,505
; FILING DATE:
; CLASSIFICATION:
; OTHER INFORMATION: Antisense Oligonucleotide
US-08-968-505-39
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/742,023
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer JB626"
US-08-968-505-39

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3259 GAGTGGGCGCTTTGGC 3276
|||||
DB 1 GAGTGGGCGCTTTGGC 18

RESULT 2054
US-09-143-212-26
; Sequence 26, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-26

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GCGCAGAGACGAGCT 3001
|||||
DB 1 GCGCAGAGATCGAGCT 18

RESULT 2055
US-09-143-212-45/c
; Sequence 45, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-45

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCGGCGCGCGCTGCC 3940
|||||
DB 18 GCGGCGCGCGCTGCC 1

```
RESULT 2056
US-09-143-212-48
; Sequence 48, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Coweert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-48

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4650 GGAGCTGAGAGCTGGG 4667
Db      1 GGACGAGAAAGTCTGGG 18

RESULT 2057
US-09-143-212-69
; Sequence 69, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Coweert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-69

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1048 ATCTAAGCCATCCAG 1065
Db      1 ACCCTAAGCCATCCAG 18

RESULT 2058
US-09-143-212-70
; Sequence 70, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Coweert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 70
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-70

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3631 AATGCGCGGAGAGAAC 3648
Db      1 AATAGCCGAGAGAGAAC 18

RESULT 2059
US-09-351-215-10/c
; Sequence 10, Application US/09351215
; Patent No. 6087488
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296, 94550
; CURRENT APPLICATION NUMBER: US/09/351,215
; CURRENT FILING DATE: 1999-07-12
; EARLIER APPLICATION NUMBER: 08/956,242
; EARLIER FILING DATE: 1997-10-22
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-351-215-10

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1688 CAGCACTCAGACAGCC 1705
Db      18 CAGGACAGCAGACAGCC 1

RESULT 2060
US-09-344-521-9
; Sequence 9, Application US/09344521
; Patent No. 6100090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Coweert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3K P85 EXPRESSION
; FILE REFERENCE: RTS-0062
; CURRENT APPLICATION NUMBER: US/09/344,521
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-521-9

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      334 GTTCCCTTCCCTCACTG 351
Db      1 GCTTCTGTCACTCACTG 18
```

RESULT 2061
US-09-280-409-142
Sequence 142, Application US/09280409
Patent No. 6107092
GENERAL INFORMATION:
APPLICANT: Lex M. Cowse
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 142
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-142

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 520 CCTGCTGAACCATGCA 537
Db 1 CCTGCTGAACCATGCTA 18

RESULT 2062
US-08-832-502-3
Sequence 3, Application US/08832502
Patent No. 6110671
GENERAL INFORMATION:
APPLICANT: Kim, Jerome H
TITLE OF INVENTION: METHOD OF MEASURING TUMOR SUPPRESSOR
TITLE OF INVENTION: GENE
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSER: John Moran
STREET: U.S. Army, 504 Scott Street
CITY: Fort Detrick
STATE: MD
COUNTRY: USA
ZIP: 21702-5012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/832,502
FILING DATE: 03-APR-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Hendricks, Genna
REGISTRATION NUMBER: 32,535
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 619-2065
TELEFAX: (301) 619-7714
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: NO
US-08-832-502-3

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3240 ATCAACCCCACTACATG 3257
Db 1 ATCACTACACTACATG 18

RESULT 2063
US-09-289-466-32/C
Sequence 32, Application US/09289466A
Patent No. 6124272
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
FILE REFERENCE: RTS-0060
CURRENT APPLICATION NUMBER: US/09/289,466A
CURRENT FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-32

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2202 CTGGCGCAGAGACTG 2219
Db 18 CAGACGACGAGACTG 1

RESULT 2064
US-09-289-466-50
Sequence 50, Application US/09289466A
Patent No. 6124272
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
FILE REFERENCE: RTS-0060
CURRENT APPLICATION NUMBER: US/09/289,466A
CURRENT FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 50
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-50

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4369 TCTGAAGAAGACTGC 4386
Db 1 TCTGAAGAAGACTGC 18

RESULT 2065
US-08-863-813A-62/C
Sequence 62, Application US/08863813A
Patent No. 6140466
GENERAL INFORMATION:
APPLICANT: Barbas III, Carlos F.

APPLICANT: Gottesfeld, Joel M.
APPLICANT: Wright, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES
TITLE OF INVENTION: AND METHODS THEREFOR
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,813A
FILING DATE: 27-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/676,318
FILING DATE: 18-JUL-1996
APPLICATION NUMBER: 08/183,119
FILING DATE: 18-JAN-1996
APPLICATION NUMBER: US95/00829
FILING DATE: 18-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A., Ph.D.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 08401/010001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-863-813A-62

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3907 CCCCCCCCCCGACGC 3924
DB 18 CCCCCCCCCCGACGC 1

RESULT 2066
US-09-487-444-26/c
Sequence 26, Application US/09487444
Patent No. 6158697
GENERAL INFORMATION:
APPLICANT: Bretz P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
FILE REFERENCE: RTS-0133
CURRENT APPLICATION NUMBER: US/09/487,444
FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 26
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-26

Query Match 0.3%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2916 CTCATCAGCATCAAGTCC 2933
DB 18 CCCATCTTCATCAAGTCC 1

RESULT 2067
US-09-193-792-14/c
Sequence 14, Application US/09193792B
Patent No. 6180344
GENERAL INFORMATION:
APPLICANT: Chen, Bin
TITLE OF INVENTION: 5' Upstream Region Sequences of the MYO1 Gene
FILE REFERENCE: D6015
CURRENT APPLICATION NUMBER: US/09/193,792B
FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: US 60/065,113
PRIOR FILING DATE: 1997-11-18
NUMBER OF SEQ ID NOS: 20
SEQ ID NO 14
LENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: PAX3/7 consensus primer used to amplify a 219 bp fragment
OTHER INFORMATION: for Pax3-FKHR and a 206 bp fragment for Pax7-FKHR
US-09-193-792-14

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2339 GTACGACAGCTCCTGTC 2356
DB 18 GTACGACAGCTCCTGTC 1

RESULT 2068
US-08-937-063-11/c
Sequence 11, Application US/08937063
Patent No. 6187534
GENERAL INFORMATION:
APPLICANT: STROM, TERRY B.
APPLICANT: VASCONCELOS, LAURO
APPLICANT: SUTHANTHIRAN, MANIKRAM
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS
STREET: TWO MILITIA DRIVE
CITY: LEXINGTON
STATE: MASSACHUSETTS
COUNTRY: UNITED STATES
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,063
FILING DATE: 24-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GRAMAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: B1DWC97-01
TELECOMMUNICATION INFORMATION:

TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-063-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 CATCACCCTCCACAGC 556
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CTCACCTGCTCCACGCG 1

RESULT 2069
US-09-071-433-45
Sequence 45, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071.433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-45

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3557 GTTGAGAACCCCTGTA 3574
| | | | | | | | | | | | | | | | | | | | | |
Db 1 GTATCAGAACCCCTGTA 18

RESULT 2070
US-09-398-539A-5/C
Sequence 5, Application US/09398539A
Patent No. 6258543
GENERAL INFORMATION:
APPLICANT: Gerdes, John
APPLICANT: Marmaro, Jeffrey
TITLE OF INVENTION: QUANTIFICATION OF RNA TRANSCRIPTS USING GENOMIC DNA AS THE
FILE REFERENCE: 80148.0210.002
CURRENT APPLICATION NUMBER: US/09/398.539A
CURRENT FILING DATE: 1999-09-17
PRIOR APPLICATION NUMBER: 60/016,710
PRIOR FILING DATE: 1996-05-02
PRIOR APPLICATION NUMBER: 08/850,613
PRIOR FILING DATE: 1997-05-02
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-398-539A-5

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3342 GACCAGCGCCCAAGAC 3359
| | | | | | | | | | | | | | | | | | | | | |
Db 18 GACCAGCGCCCAATATAC 1

RESULT 2071
US-09-202-316-21
Sequence 21, Application US/09202316
Patent No. 6297054
GENERAL INFORMATION:
APPLICANT: Pal Maliga
APPLICANT: Helaine Carrier
APPLICANT: Sumita Chaudhuri
TITLE OF INVENTION: Editing-Based Selectable Placid Marker
FILE REFERENCE: Rut-96-06041
CURRENT APPLICATION NUMBER: US/09/202.316
CURRENT FILING DATE: 1999-06-01
PRIOR APPLICATION NUMBER: PCT/US97/10318
PRIOR FILING DATE: 1997-06-13
PRIOR APPLICATION NUMBER: 60/019,741
PRIOR FILING DATE: 1996-06-14
NUMBER OF SEQ ID NOS: 60
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-202-316-21

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3152 GAAGAGCCTCACCACCA 3169
| | | | | | | | | | | | | | | | | | | | | |
Db 1 GAATAGCCTCTCACCCA 18

RESULT 2072
US-08-864-641B-8
Sequence 8, Application US/08864641B
Patent No. 6312684
GENERAL INFORMATION:
APPLICANT: Baserga, Renato
APPLICANT: Abraham, David
APPLICANT: Resnicoff, Mariana
TITLE OF INVENTION: Method Of Inducing Resistance To Tumor Growth
FILE REFERENCE: TJU2137
CURRENT APPLICATION NUMBER: US/08/864.641B
CURRENT FILING DATE: 1997-05-29
PRIOR APPLICATION NUMBER: 08/340,732
PRIOR FILING DATE: 1994-11-16
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6312684e1 Sequence
US-08-864-641B-8

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3594 CTTAGCCTGCTCCAGG 3611
Db 1 CCGAGCCTCTCCAGG 18

RESULT 2073
US-09-218-979-26
Sequence 26, Application US/09218979
Patent No. 6312860
GENERAL INFORMATION:
APPLICANT: William J. Balch
APPLICANT: Michael E. Hogan
TITLE OF INVENTION: Multiplexed molecular analysis apparatus
FILE REFERENCE: 0762-002003
CURRENT APPLICATION NUMBER: US/09/218,979
CURRENT FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 09/002,170
PRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26
LENGTH: 18
TYPE: DNA
ORGANISM: homo sapien
US-09-218-979-26

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4724 TTGACTAAGTCCCGG 4741
Db 1 TTTAGTACTGACTCCCGG 18

RESULT 2074
US-08-750-088A-25/C
Sequence 25, Application US/08750088A
Patent No. 6329138
GENERAL INFORMATION:
APPLICANT: DE BEENHOWER, HANS
APPLICANT: PORTAELS, FRAN OISE
APPLICANT: MACHTELINCKX, LIEVE
APPLICANT: JANNES, GERT
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF THE ANTIBIOTIC
NUMBER OF SEQUENCES: 71
TITLE OF INVENTION: RESISTANCE SPECTRUM OF MYCOBACTERIUM SPECIES
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 NEW YORK AVENUE, SUITE 600
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/750,088A
FILING DATE: 21-FEB-1997
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: GOLDSTEIN, JORGE A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1657,0010000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-750-088A-25

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4021 GCAAGCACCAGCCGAGG 4038
Db 18 GCGACCAACGCGCGCATG 1

RESULT 2075
US-09-496-694B-125
Sequence 125, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 125
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-125

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2720 TGCCACATTGAAGACCA 2737
Db 1 TGCCACTTTCAGACAAA 18

RESULT 2076
US-08-584-040-6211/C
Sequence 6211, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Jan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6211:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6211

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3078 CAGGCGAAGCAGGAG 3095
Db 18 CAGCGCAAGACCGGAG 1

RESULT 2077
US-08-584-040-6275/c
Sequence 6275, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Scinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6275:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6275

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2474 CTACACCCAGCAAGC 2491
Db 18 CTCACCCAGCAAGC 1

RESULT 2078
US-08-584-040-8292
Sequence 8292, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Scinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8292:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8292

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 1.3e+03;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 513 ATGCTCCCTGCTGAAC 530
1 AUGUCAGCUCUGCGAC 18

RESULT 2079
US-08-584-040-8369

Sequence 8369, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 8369:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-8369

Db 1 TUCUCAGCUCUGCGCAC 18

RESULT 2080
US-08-679-645-567/C
Sequence 567, Application US/08679645
Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

APPLICANT: Edington, Brent E.

APPLICANT: McSwigen, James A.

APPLICANT: Merlo, Patricia Ann Owens

APPLICANT: Guo, Lining

APPLICANT: Skokut, Thomas A.

APPLICANT: Young, Scott A.

APPLICANT: Folkerts, Otto

APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 567:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-679-645-567

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACGCCGCGCGCGCT 3937
18 GTGCGCGAGCGCGCGCT 1

RESULT 2081
US-08-679-645-1169

Sequence 1169, Application US/08679645

```
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwigen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1169

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3922 CGCCGCGCGCGCGCGCTGC 3939
Db      1 CGCCGCGCGCGCGCGAGC 18

RESULT 2082
US-09-019-793A-103
; Sequence 103, Application US/09019793A
; GENERAL INFORMATION:
; APPLICANT: PAUL, Prem
; APPLICANT: MOROZOV, Igor
; APPLICANT: HALBUR, Patrick
; TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
```

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; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
; FILE REFERENCE: 4625-0039-55X CIP
; CURRENT APPLICATION NUMBER: US/09/019,793A
; PRIOR FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: 07/969,071
; PRIOR FILING DATE: 1992-10-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 103
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
; US-09-019-793A-103

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5208 GGAATGCACCCACATT 5225
Db      1 GGAATTCACACGCAATT 18

RESULT 2083
US-09-268-544B-14
; Sequence 14, Application US/09268544B
; Patent No. 6410710
; GENERAL INFORMATION:
; APPLICANT: Lederman, Seth
; APPLICANT: van Eindhoven, Winfried
; TITLE OF INVENTION: TRAF-3 Detection Isoforms And Uses Thereof
; FILE REFERENCE: 0575-58732
; CURRENT APPLICATION NUMBER: US/09/268,544B
; CURRENT FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
; US-09-268-544B-14

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1221 TTGACCGACGACTCTCC 1238
Db      1 TTGCGCTGCAGCTCTTC 18

RESULT 2084
US-09-305-856B-45
; Sequence 45, Application US/09305856B
; Patent No. 6479236
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; TITLE OF INVENTION: Genocycling the Human
; FILE REFERENCE: 4389-7 (formerly SEO-17CIP)
; CURRENT APPLICATION NUMBER: US/09/305,856B
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 60/084,807
; PRIOR FILING DATE: 1998-05-07
```

```
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-305-856B-45

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1508 TTCTGAGCAGACTTCTA 1525
1 TTTTGAGGCGCAGCTTCTA 18

RESULT 2085
US-09-305-856B-75
; Sequence 75, Application US/09305856B
; Patent No. 6479236
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; TITLE OF INVENTION: Genotyping the Human
; FILE REFERENCE: UDP-Glucuronosyltransferase 1 (UGT1) Gene
; CURRENT APPLICATION NUMBER: US/09/305,856B
; CURRENT FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: 60/084,807
; PRIOR FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-305-856B-75

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1508 TTCTGAGCAGACTTCTA 1525
1 TTTTGAGGCGCAGCTTCTA 18

RESULT 2086
US-09-679-427-26
; Sequence 26, Application US/09679427
; Patent No. 6479301
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/679,427
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapien
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US-09-679-427-26

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4724 TTTAGCTAAAGTCCCGC 4741
1 TTTAGCTAGACTCCCGG 18

RESULT 2087
US-09-920-760-43/c
; Sequence 43, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-43

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 CAAGCGGAGAGAGCTGCT 568
18 CAAGCCTCAGAGAGCTGCT 1

RESULT 2088
US-09-920-760-68/c
; Sequence 68, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-68

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4076 GTGAGCCCTCACTGAGC 4093
18 GTGATCCCTCACTGAGC 1

RESULT 2089
US-09-832-382-8
; Sequence 8, Application US/09832382
; Patent No. 6506415
; GENERAL INFORMATION:
; APPLICANT: Renato Baserga, David Abraham, and Mariana Resnicoff
```

TITLE OF INVENTION: Method of Inducing Resistance to Tumor Growth
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6506415ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/832,382
FILING DATE: 11-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/864,641
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Leggaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: TJU-2137
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-832-382-8
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3594 CCTAAGCTGCTCCAGG 3611
Db 1 CCGAGGCTCTCCAGG 18
RESULT 2090
US-09-362-842-50
Sequence 50, Application US/09362842
Patent No. 6511824
GENERAL INFORMATION:
APPLICANT: Buchman et al.
TITLE OF INVENTION: NUCLEIC ACIDS AND POLYPEPTIDES OF INVERTEBRATE TWIK
FILE REFERENCE: 7326-104
CURRENT APPLICATION NUMBER: US/09/362,842
CURRENT FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 09/270,767
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 50
LENGTH: 18
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-09-362-842-50
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 652 GAATTGCGTTTACACTT 669
Db 1 CCGAGGCTCTCCAGG 18

Db 1 GGCAATGCGTTTGACTT 18
RESULT 2091
US-09-422-978-4094
Sequence 4094, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4094
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-13251 for SEQ 160,
US-09-422-978-4094
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1280 TCCCATCAACATGTGTC 1297
Db 1 TCCCATCAACTGTGTC 18
RESULT 2092
US-09-422-978-4101/c
Sequence 4101, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4101
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-13272 for SEQ 167,
US-09-422-978-4101
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3004 CCATCTACAGCGCTCTCA 3021
Db 18 CCATCTACATTCCTCAC 1

RESULT 2093
US-09-422-978-5139/C
Sequence 5139, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5139
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-2179 for SEQ 1205,
US-09-422-978-5139

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3425 CAGAGCTTTTTCACCTC 3442
Db 18 CATCAAGTTTTCCTCC 1

RESULT 2094
US-09-422-978-5294
Sequence 5294, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5294
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-23302 for SEQ 1360,
US-09-422-978-5294

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2376 GAGAGGAGGAGGACGAG 2393
Db 1 GAGGTGAGGAGGAGGAG 18
RESULT 2095
US-09-422-978-5389
Sequence 5389, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5389
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-24750 for SEQ 1455,
US-09-422-978-5389

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGGACAG 837
Db 1 TAGTGAGGAGGAGGAG 18

RESULT 2096
US-09-422-978-5504/C
Sequence 5504, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5504
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-4725 for SEQ 1570,
US-09-422-978-5504

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2776 GCTTGGAGAGTTTGTC A 2793
DB 18 GCCTGAGAGAGTTTCTTCA 1

RESULT 2097

US-09-422-978-7019/c
Sequence 7019, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 7019

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-22567 for SEQ 3085,

US-09-422-978-7019

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2223 CCCTTAACATCTCTCAGC 2240
DB 18 CCAGTTATCATCTCTCAGC 1

RESULT 2098

US-09-422-978-8685/c
Sequence 8685, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8685

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-17557 for SEQ 820, in compleme
US-09-422-978-8685

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4291 CCAGACGGGCAACAAACA 4308
DB 18 CCAGTCGGGGAACAGACA 1

RESULT 2099

US-09-422-978-9386
Sequence 9386, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 9386

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-2624 for SEQ 1521, in compleme

US-09-422-978-9386

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 TCTCTTCTCTCTCTCTC 292
DB 1 TCTCTTCCCATCTCTC 18

RESULT 2100

US-09-422-978-10946/c
Sequence 10946, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 10946

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-22405 for SEQ 3081, in complan
US-09-422-978-10946

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      236 GGTGTATGAGGAGGTGGA 253
Db      18 GATGTTTGAGACTGTGGA 1

RESULT 2101
US-09-374-712A-8
; Sequence 8, Application US/09374712A
; Patent No. 6541036
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Baserga, Renato L.
; APPLICANT: Resnicoff, Mariana
; APPLICANT: Abraham, David
; TITLE OF INVENTION: Treatment Of Tumors With Oligonucleotides Directed To Insulin-Lik
; FILE REFERENCE: TJU-2385
; CURRENT APPLICATION NUMBER: US/09/374,712A
; PRIOR FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 08/864,641
; PRIOR FILING DATE: 1997-05-29
; PRIOR APPLICATION NUMBER: 60/096,354
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 60/113,599
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligonucleotide
US-09-374-712A-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3594 CCTAAGCCTGCTCCACAG 3611
Db      1 CCGAGGCTCCTCCACAG 18

RESULT 2102
US-08-780-562-16
; Sequence 16, Application US/08780562
; Patent No. 6541604
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: MSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-780-562-16

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      84 TTCTTCAGAGTGGCCAC 101
Db      1 TTCTTCAGAGTGTACAC 18

RESULT 2103
US-09-060-299-321/c
; Sequence 321, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hees, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Giebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
```

FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 321:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-321

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1901 CCTCAACACTCCCTGCA 1918
DB 18 CCTCAAGCAATCCCTCA 1

RESULT 2104
US-09-402-923A-321/C
Sequence 321, Application US/09402923A

PATENT No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A

Hess, John W
Caakey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshiniko
Merriman, Tony R
Metzker, Michael L

TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESSES:

ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US

ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998

APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 321:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 321:
US-09-402-923A-321

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1901 CCTCAACACTCCCTGCA 1918
DB 18 CCTCAAGCAATCCCTCA 1

RESULT 2105
US-09-371-772B-2973/C
Sequence 2973, Application US/09371772B

PATENT No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patent in version 3.0
SEQ ID NO 2973

LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.

US-09-371-772B-2973

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3078 CAGGCAAGACGAGGAG 3095
DB 18 CAGGCAAGACGAGGAG 1

RESULT 2106
US-09-371-772B-3033/C
Sequence 3033, Application US/09371772B

PATENT No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3033
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3033

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2474 CTACACCAAGAGAGAGC 2491
DB 18 CTCACCCAGAGAGAGC 1

RESULT 2107
US-09-371-772B-3950
Sequence 3950, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3950
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3950

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 1.3e+03;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 513 ATGTCCCGCTCGAGC 530
DB 1 AUGGUCAGCUCGCGAGC 18

RESULT 2108
US-09-371-772B-4025
Sequence 4025, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4025
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4025

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 1.3e+03;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 84 TTCTCAGAGTGGCCAC 101
DB 1 UUCUCCAGCUCUGGCCAC 18

RESULT 2109
US-09-640-198D-22
Sequence 22, Application US/09640198D
Patent No. 6586411
GENERAL INFORMATION:
APPLICANT: Russell, Stephen
APPLICANT: Kay Whye, Peng
TITLE OF INVENTION: System for Monitoring the Location of
FILE REFERENCE: 07039-285001
CURRENT APPLICATION NUMBER: US/09/640,198D
CURRENT FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 60/149,168
PRIOR FILING DATE: 1999-08-17
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-640-198D-22

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2280 CGTGTGATCTGCTACC 2297
DB 1 CATGTTCATCTGCTACC 18

RESULT 2110
US-09-722-319-25/C
Sequence 25, Application US/09722319
Patent No. 6632607
GENERAL INFORMATION:
APPLICANT: DE BEENHOUWER, HANS
APPLICANT: PORTAELS, FRANCOISE
APPLICANT: MACHTELINCKX, LIEVE
APPLICANT: JANNES, GEERT
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: Oligonucleotide Molecules for Use in Detection of Mycobacterium
FILE REFERENCE: 1657,0010001
CURRENT APPLICATION NUMBER: US/09/722,319
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 08/750,088
PRIOR FILING DATE: 1996-12-06
PRIOR APPLICATION NUMBER: PCT/EP95/02230
PRIOR FILING DATE: 1995-06-09
PRIOR APPLICATION NUMBER: EP 94870093.5
PRIOR FILING DATE: 1994-06-09
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PatentIn version 3.1
SEQ ID NO 25
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Probe
US-09-722-319-25

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4021 GCAAGACGCGCGCGAG 4038
DB 18 GCGACACGCGCGCGAGT 1

RESULT 2111
US-09-639-667-18
Sequence 18, Application US/09639667
Patent No. 6632800
GENERAL INFORMATION:
APPLICANT: Ruseell, Stephen James
APPLICANT: Peng, Kah Wye
TITLE OF INVENTION: SYSTEM FOR MONITORING THE EXPRESSION OF
FILE REFERENCE: 07039-292001
CURRENT APPLICATION NUMBER: US/09/639,667
CURRENT FILING DATE: 2001-06-04
PRIOR APPLICATION NUMBER: 60/149,168
PRIOR FILING DATE: 1999-08-17
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: cleavage signal
US-09-639-667-18

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2280 CGTGTGATCTGCTACC 2297
DB 1 CATGTCATCTGCTACC 18

RESULT 2112
US-09-823-549-29/c
Sequence 29, Application US/09823549
Patent No. 6664442
GENERAL INFORMATION:
APPLICANT: McConlogue, Lisa C
APPLICANT: Games, Kate D.
APPLICANT: Yednock, Theodore A.
APPLICANT: Hua, Tan
APPLICANT: Messersmith, Elizabeth
APPLICANT: Bard, Frederique
TITLE OF INVENTION: SCREENING MARKERS AND METHODS FOR NEURODEGENERATIVE DISORDERS
FILE REFERENCE: 015270-009110US
CURRENT APPLICATION NUMBER: US/09/823,549
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: US 60/193,847
PRIOR FILING DATE: 2000-03-30
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: R.GAP-2165R reverse primer

US-09-823-549-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 AGGAAACATGGGCTCG 792
DB 18 ACCAAACACAGCGCTCG 1

RESULT 2113
US-10-037-616-17
Sequence 17, Application US/10037616
Patent No. 6730663
GENERAL INFORMATION:
APPLICANT: English, Denis
APPLICANT: Kovacs, Richard J.
APPLICANT: Rizzo, Maria T.
APPLICANT: Silva, Daniel T.
TITLE OF INVENTION: Sphingolipid Compositions and Methods for Their Therapeutic Use
FILE REFERENCE: 7042-119
CURRENT APPLICATION NUMBER: US/10/037,616
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/243,887
PRIOR FILING DATE: 2000-10-27
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-10-037-616-17

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3161 CACGAGCCACGACCCCAT 3178
DB 1 CAGCAGCCCGACCTCAT 18

RESULT 2114
US-09-856-662-6
Sequence 6, Application US/09856662
Patent No. 6790616
GENERAL INFORMATION:
APPLICANT: MORIB, Toyoki et al.
TITLE OF INVENTION: Method for typing HLA class 1 genes
FILE REFERENCE: 0032-0261P
CURRENT APPLICATION NUMBER: US/09/856,662
CURRENT FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: JP P1998-335151
PRIOR FILING DATE: 1998-11-26
NUMBER OF SEQ ID NOS: 130
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: DNA probe A240T
US-09-856-662-6

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1359 CACGAGGTCTGACTCT 1376
DB 1 CACGAGGTCTGACTCT 1

Db 1 CAGAGGTCGAGAT 18

RESULT 2115
US-09-500-700-62/c
Sequence 62, Application US/09500700
Patent No. 6790941
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
APPLICANT: BARBAS III, Carlos F.
APPLICANT: GOTTESFELD, Joel M.
APPLICANT: WRIGHT, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
FILE REFERENCE: SCRIPI160-4
CURRENT APPLICATION NUMBER: US/09/500,700
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 08/863,813
PRIOR FILING DATE: 1997-05-27
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR FILING DATE: 1996-12-30
PRIOR APPLICATION NUMBER: PCT/US95/00829
PRIOR FILING DATE: 1995-01-18
PRIOR APPLICATION NUMBER: US 08/312,604
PRIOR FILING DATE: 1994-09-28
PRIOR APPLICATION NUMBER: US 08/183,119
PRIOR FILING DATE: 1994-01-18
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn version 3.1
SEQ ID NO 62
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Target sequence of six-finger protein Sp1c-C7
US-09-500-700-62

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3907 CCCCCCACCACCCGCGC 3924
Db 18 CCCCCCACCACCCGCGC 1

RESULT 2116
PCT-US92-00626-2/c
Sequence 2, Application PC/TUS9200626
GENERAL INFORMATION:
APPLICANT: ROSENBERG, ROBERT D
APPLICANT: SIMONS, MICHAEL
APPLICANT: EDELMAN, ELAZER
APPLICANT: LANGER, ROBERT S
APPLICANT: DEKEYSER, JEAN-LUC
TITLE OF INVENTION: LOCALIZED OLIGONUCLEOTIDE THERAPY
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA HURWITZ & THIBEAULT
STREET: EXCHANGE PLACE, 53 STATE STREET
CITY: BOSTON
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/00626
FILING DATE: 19921105
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 792,146
FILING DATE: 08-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 723,454
FILING DATE: 28-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESQ, EDMUND R
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: M15583CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/248-7000
TELEFAX: 617/248-7100
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ANTI-SENSE: YES
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..18
OTHER INFORMATION: /standard_name= "ANTISENSE HUMAN"
OTHER INFORMATION: NMHC"
OTHER INFORMATION: /note= "ANTISENSE SEQUENCE TO HUMAN NMHC"
PCT-US92-00626-2

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 TCCAGCGGAGAGAGCTG 566
Db 18 TCCAGGTGAGAGAGCATG 1

RESULT 2117
PCT-US93-12600-28/c
Sequence 28, Application PC/TUS9312600
GENERAL INFORMATION:
APPLICANT: DENNER, LARRY A.
APPLICANT: REGE, AJAY A.
APPLICANT: DIXON, RICHARD A.F.
TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: DRESSELER, Goldsmith, Shore &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 North Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/12600
FILING DATE: 28-DEC-1993
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,706
FILING DATE: December 31, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Katz, Martin L.
REGISTRATION NUMBER: 25,011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US94-12600-28

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2809 AAATGAGAGAGAGAGT 2826
DB 18 AAATGAGAGAGAGAGT 1

RESULT 2118

PCT-US94-06066-18/c
Sequence 18, Application PC/TUS9406066

GENERAL INFORMATION:
APPLICANT: The Board of Regents of the University of Washington
TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
TITLE OF INVENTION: Phosphodiesterase Materials and Methods
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
ADDRESS: Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06066
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,051
FILING DATE: 27-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US94-06066-18

Query Match

Best Local Similarity 0.3%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2849 TGGTGAAGCTCTTCCAA 2866
DB 18 TGATGAGATCTTCCAA 1

RESULT 2119

PCT-US94-12947A-51
Sequence 51, Application PC/TUS9412947A

GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12947A
FILING DATE: 10-NOV-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: FD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
PCT-US94-12947A-51

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3239 CATCAACCCCACTACT 3256
DB 1 CATCACTGCACTACT 18

RESULT 2120
US-08-031-143B-26
Sequence 26, Application US/08031143B

GENERAL INFORMATION:
PATENT NO. 5518880
APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
APPLICANT: MCBRIDE, O. WESLEY
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
TREATMENT OF XSCID
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/031,143B
FILING DATE: 12-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FELTER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-26

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 268 CCCCTCTCTCTCTCTCT 285
Db 1 CCCTCTCTCTGGTCTCT 18

RESULT 2121
US-08-388-381-23/c
Sequence 23, Application US/08388381
Patent No. 5552283
GENERAL INFORMATION:
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
NUMBER OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
City: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330

TELEX:
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: sequencing primer for exon 2 of human p53 gene
US-08-388-381-23

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2853 GAGACTCTTCCAAAGCTG 2870
Db 19 GAGACGCTTCCAAACCTG 2

RESULT 2122
US-08-235-503B-18
Sequence 18, Application US/08235503B
Patent No. 5563036
GENERAL INFORMATION:
APPLICANT: Peterson, Michael G
APPLICANT: Balchwal, Vijay R
TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA ASSAY
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
City: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/235,503B
FILING DATE: 29-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: A-59332/RAO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-235-503B-18

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

US-08-696-900-2

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 GAGCCAGAGAGTTCCT 941

Db 2 GAGCTCAAGAGTCACT 19

RESULT 2126

US-08-757-024-822/c

; Sequence 822, Application US/08757024

; Patent No. 6025339

; GENERAL INFORMATION:

; APPLICANT: Nyce, Jonathan W.

; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA

; NUMBER OF SEQUENCES: 952

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BELL, SELTZER, PARK & GIBSON

; STREET: P.O. Drawer 34009

; STATE: No. 6025339th Carolina

; COUNTRY: USA

; ZIP: 28234

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/757,024

; FILING DATE: 26-NOV-1996

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Sibley, Kenneth D.

; REGISTRATION NUMBER: 31,665

; REFERENCE/DOCKET NUMBER: 5218-41

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 919-881-3140

; TELEFAX: 919-881-3175

; TELEX: 575102

; INFORMATION FOR SEQ ID NO: 822:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; US-08-757-024-822

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1701 CAGCCGAGCCCGACATG 1718

Db 19 CAGCTGTGCCCCGCATG 2

RESULT 2127

US-08-757-024-834/c

; Sequence 834, Application US/08757024

; Patent No. 6025339

; GENERAL INFORMATION:

; APPLICANT: Nyce, Jonathan W.

; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA

; NUMBER OF SEQUENCES: 952

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BELL, SELTZER, PARK & GIBSON

; STREET: P.O. Drawer 34009

; CITY: Charlotte

STATE: No. 6025339th Carolina

COUNTRY: USA

ZIP: 28234

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/757,024

; FILING DATE: 26-NOV-1996

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Sibley, Kenneth D.

; REGISTRATION NUMBER: 31,665

; REFERENCE/DOCKET NUMBER: 5218-41

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 919-881-3140

; TELEFAX: 919-881-3175

; TELEX: 575102

; INFORMATION FOR SEQ ID NO: 834:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; US-08-757-024-834

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1701 CAGCCGAGCCCGACATG 1718

Db 18 CAGCTGTGCCCCGCATG 1

RESULT 2128

US-08-765-626-23/c

; Sequence 23, Application US/08765626

; Patent No. 6071726

; GENERAL INFORMATION:

; APPLICANT: Visible Genetics Inc.

; APPLICANT: Diamandis, Eleftherios

; APPLICANT: Dunn, James M.

; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

; TITLE OF INVENTION: and Targeted Screening for p53 Mutations

; NUMBER OF SEQUENCES: 41

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Oppe Dahl & Larson

; STREET: 1992 Commerce Street, Suite 309

; CITY: Yorktown Heights

; STATE: NY

; COUNTRY: USA

; ZIP: 10598-4412

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS 5.0

; SOFTWARE: Word Perfect

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/765,626

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/US95/08605

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/388,381

; FILING DATE: 14-FEB-1995

; ATTORNEY/AGENT INFORMATION:

```

; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
;
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 2 of human p53 gene
; US-08-765-626-23
;
; Query Match 0.3%; Score 13.2; DB 1; Length 19;
; Best Local Similarity 83.3%; Pred. No. 1.5e+03;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 2853 GAGACTCTCCCAAGCTG 2870
Db 19 GAGACGCTTCCACCTG 2
;
; RESULT 2129
; US-09-342-479-2
; Sequence 2, Application US/09342479
; Patent No. 6218359
; GENERAL INFORMATION:
; APPLICANT: Miesenberg, Irmgard
; TITLE OF INVENTION: Screening Method Using The RZR Receptor
; TITLE OF INVENTION: Family
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6218359artis Corporation
; STREET: 520 White Plains Road, PO Box 2005
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591-9005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/342,479
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/696,900
; FILING DATE:
; PRIOR APPLICATION DATA: PCT/EP95/01017
; APPLICATION NUMBER: PCT/EP95/01017
; FILING DATE: 18-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,114
; REFERENCE/DOCKET NUMBER: 4-19899/A/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3518
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
```

```

; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: protein_bind
; LOCATION: 1..19
; OTHER INFORMATION: /bound_motif="VDR"
; US-09-342-479-2
;
; Query Match 0.3%; Score 13.2; DB 1; Length 19;
; Best Local Similarity 83.3%; Pred. No. 1.5e+03;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 924 GAGGCCAAGAGGTCCT 941
Db 2 GAGGTCAAGAGGTCCT 19
;
; RESULT 2130
; US-08-811-463-17
; Sequence 17, Application US/08811463C
; Patent No. 6277375
; GENERAL INFORMATION:
; APPLICANT: Ward, Elizabeth S.
; TITLE OF INVENTION: IMMUNOGLOBULIN-LIKE DOMAINS WITH INCREASED HALF LIVES
; FILE REFERENCE: UTSD:483
; CURRENT APPLICATION NUMBER: US/08/811,463C
; CURRENT FILING DATE: 1997-03-03
; EARLIER APPLICATION NUMBER: 60/013,563
; EARLIER FILING DATE: 1996-03-18
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
; US-08-811-463-17
;
; Query Match 0.3%; Score 13.2; DB 1; Length 19;
; Best Local Similarity 83.3%; Pred. No. 1.5e+03;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 248 GGTGACGGCCAGGCCC 265
Db 1 GGTGTTGGCCAGGCCC 18
;
; RESULT 2131
; US-09-503-505A-9
; Sequence 9, Application US/09503505A
; Patent No. 6387688
; GENERAL INFORMATION:
; APPLICANT: SHISHIDO, KAZUO
; APPLICANT: KAJIWARA, SUSUMU
; APPLICANT: TSUKAMOTO AKIRA
; TITLE OF INVENTION: DNA FRAGMENTS HAVING BASIDIOMYCETE-DERIVED PROMOTER
; TITLE OF INVENTION: ACTIVITY AND EXPRESSION OF FOREIGN GENES UNDER
; TITLE OF INVENTION: CONTROL OF THE PROMOTER ACTIVITY
; FILE REFERENCE: 04853.0039
; CURRENT APPLICATION NUMBER: US/09/503,505A
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: JP 36367/1999
; PRIOR FILING DATE: 1999-02-15
; PRIOR APPLICATION NUMBER: JP 93777/1999
; PRIOR FILING DATE: 1999-03-31
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent Version 2.1
; SEQ ID NO 9
```


LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designated is a
OTHER INFORMATION: sense primer for synthesizing a 2.4 kbp NcoI-EcoRI
OTHER INFORMATION: fragment containing lacase structural gene region
OTHER INFORMATION: from *Corticium hirsutum* strain IFO4917 by PCR.
US-09-503-505A-9

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5032 CTCCTGTTCCAGGCTT 5049
DB 1 CTCGAGGTTCCAGTCTT 18

RESULT 2132
US-09-549-853-10
Sequence 10, Application US/09549853
Patent No. 6391558
GENERAL INFORMATION:
APPLICANT: Henkens, Robert W.
APPLICANT: O'Daly, John P.
APPLICANT: Wojciechowski, Marek W.
APPLICANT: Zhang, Honghua W.
APPLICANT: Naser, Najih W.
APPLICANT: Roe, R. M.
APPLICANT: Stewart, Thomas N.
APPLICANT: Thompson, Deborah M.
APPLICANT: Sundseth, Rebecca
APPLICANT: Wegner, Steven E.
TITLE OF INVENTION: ELECTROCHEMICAL DETECTION OF NUCLEIC ACID SEQUENCES
FILE REFERENCE: 4320,001800
CURRENT APPLICATION NUMBER: US/09/549,853
CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 40
SOFTWARE: Patentin version 3.1
SEQ ID NO 10
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-549-853-10

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4827 CTCGAGTGAGAGATCTG 4844
DB 1 CTCCTGTGAGAGATCTG 18

RESULT 2133
US-09-613-444-11/C
Sequence 11, Application US/09613444
Patent No. 6444427
GENERAL INFORMATION:
APPLICANT: Ludwig, Erwin H.
APPLICANT: Farese, Robert V.
APPLICANT: Inzerilly, Thomas L.
APPLICANT: Cases, Sylvaine
TITLE OF INVENTION: Polymorphisms in a Diacylglycerol
TITLE OF INVENTION: Acyltransferase Gene, and Methods of Use Thereof.
FILE REFERENCE: 6510191US1
CURRENT APPLICATION NUMBER: US/09/613,444
CURRENT FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11
LENGTH: 19

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: p19 primer
US-09-613-444-11

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3942 GTCAGAGCCGCGCGTG 3959
DB 19 GTCTAGGCGCCGAGGCTG 2

RESULT 2134
US-09-651-374A-11
Sequence 11, Application US/09651374A
Patent No. 6472156
GENERAL INFORMATION:
APPLICANT: Wiltner, Carl
APPLICANT: Hermann, Mark
TITLE OF INVENTION: Homogenous Multiplex Hybridization Analysis by Color and TM
FILE REFERENCE: A-68197/RPT
CURRENT APPLICATION NUMBER: US/09/651,374A
CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: US 60/151,494
PRIOR FILING DATE: 1999-08-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic.
US-09-651-374A-11

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4827 CTCGAGTGAGAGATCTG 4844
DB 1 CTCCTGTGAGAGATCTG 18

RESULT 2135
US-09-216-393B-323/C
Sequence 323, Application US/09216393B
Patent No. 6514694
GENERAL INFORMATION:
APPLICANT: Milhausen, Michael James
TITLE OF INVENTION: TOXOPLASMA GONDI PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF.
FILE REFERENCE: TX-1-C2
CURRENT APPLICATION NUMBER: US/09/216,393B
CURRENT FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 366
SOFTWARE: Patentin version 3.1
SEQ ID NO 323
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-216-393B-323

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY	1482	CTGATCATTAAAGAGTCC	1499
Db	19	CCGATCATAAGGAAGTCC	2

```

RESULT 2136
US-09-422-978-4520/C
Sequence 4520, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4520
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-15545 for SEQ 586,
US-09-422-978-4520

```

Query Match	0.3%	Score 13.2	DB 1	Length 19
Best Local Similarity	83.3%	Pred. No. 1.5e+03		
Matches	15	Conservative	0	Mismatches 3
				Indels 0
				Gaps 0
QY	332	CAGTTTCCTTCCCTAC	349	
DB	18	CATTTCATTTCCTAC	1	

```

RESULT 2137
US-09-422-978-6356
Sequence 6356, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballesteros markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6356
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-10929 for SEQ 2422,
US-09-422-978-6356

```

Query Match 0.3%; Score 13.2; DB 1; Length 19,

Best Local Similarity 83.3%, Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0;
Gaps 0;
QY 1626 TATGTTTTGCTGACTCC 1643
||||| ||||| |||||
Db 2 TATGCTTTTCTGCTCC 19

```

RESULT 2138
US-09-422-978-6687/c
Sequence 6687, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6687
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-16794 for SEQ 2753,
US-09-422-978-6687

```

Query Match	0.3%	Score 13.2	DB 1	Length 19
Best Local Similarity	83.3%	Pred. No. 1.5e+03		
Matches 15	Conservative 0	Mismatches 3	Indels 0	Gaps 0
QY	332	CAGTTTCTTTTCCCTCAG	349	
Db	19	CAGGCTCTTTTCCCTCAG	2	

```

RESULT 2139
US-09-422-978-7772/c
Sequence 7772, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OR INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7772
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19_bind
OTHER INFORMATION: upstream amplification primer 99-3072 for SEQ 3838,

```

US-09-422-978-7772

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4587 GGAGGGGTGAAGCATTA 4604

Db 19 GAAGGGGTGAATGCATTA 2

RESULT 2140

US-09-422-978-8297/c

Sequence 8297, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8297

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: downstream amplification primer 99-1476 for SEQ 432, in complement

US-09-422-978-8297

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1390 CCCTATCCCTCCAGTCA 1407

Db 19 CCCTATCCCTCCAGTCA 2

RESULT 2141

US-09-422-978-8498

Sequence 8498, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8498

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

OTHER INFORMATION: downstream amplification primer 99-15965 for SEQ 633, in complement

US-09-422-978-8498

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 AAAATCAGCAGCAGCAG 2339

Db 2 ATAATCATCAGCAGCAG 19

RESULT 2142

US-09-422-978-9747

Sequence 9747, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 9747

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: downstream amplification primer 99-7103 for SEQ 1882, in complement

US-09-422-978-9747

Query Match 0.3%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCTC 294

Db 2 TCTTCTCTCTCTCTC 19

RESULT 2143

US-09-422-978-10626

Sequence 10626, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

EARLIER FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 10626

LENGTH: 19

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-17107 for SEQ 2761, in complete
US-09-422-978-10626

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 19;
Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3583 TGAGTTCCTTCCTAACC 3600
DB 2 TGAGTTCCTTCCTAACC 19

RESULT 2144
US-09-422-978-11145
; Sequence 1145, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11145
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-2954 for SEQ 3280, in complete
US-09-422-978-11145

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 19;
Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2314 TCATCCAAAAATCAAGC 2331
DB 1 TCATCCAAAAATCAAGC 18

RESULT 2145
US-09-700-486-3/C
; Sequence 3, Application US/09700486
; Patent No. 6602500
; GENERAL INFORMATION:
; APPLICANT: The Governors of the University of Alberta et al.; Alberta Research
; APPLICANT: Council
; TITLE OF INVENTION: BIOCONTROL AGENT AND PESTICIDE
; FILE REFERENCE: 10230-41
; CURRENT APPLICATION NUMBER: US/09/700,486
; CURRENT FILING DATE: 2001-05-05
; PRIOR APPLICATION NUMBER: CA 2,238,289
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: PCT/CA99/00426
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
```

```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description for Artificial Sequence: primer
US-09-700-486-3

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 19;
Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4165 CCTCCTGCCAGCTTCT 4182
DB 18 CCTCCTGCCAGCTTCT 1

RESULT 2146
US-09-672-717-37/C
; Sequence 37, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-37

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 19;
Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2297 CTGGGAGCGAAGCAT 2314
DB 18 CTGGGAGCGAAGCAT 1

RESULT 2147
US-09-672-717-214/C
; Sequence 214, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 214
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
```

US-09-672-717-214

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1243 GCCTCCGTCGACGTCCTC 1260

Db 19 GCCTCCGACGTCGTCCTC 2

RESULT 2148

US-09-544-398B-208
Sequence 208, Application US/09544398B
Patent No. 6770461

GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 208
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-544-398B-208

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2346 GACCTCCTGCCAGAC 2363

Db 1 GACCTCCTGTGACAC 18

RESULT 2149

US-09-696-791-46/c
Sequence 46, Application US/09696791
Patent No. 6770633

GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 46
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdk1 ribozyme binding site
US-09-696-791-46

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1909 ACTCCTCGAAGAAATCA 1926

Db 19 ACTTCTTCAGAAATCA 2

RESULT 2150

US-09-696-791-707/c
Sequence 707, Application US/09696791
Patent No. 6770633

GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 707
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-707

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4596 AAGCATTAAGAGCCCA 4613

Db 18 AAGCATCAAGAGACCA 1

RESULT 2151

US-09-696-791-894
Sequence 894, Application US/09696791
Patent No. 6770633

GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 894
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-894

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4510 AGGATGACCTCGAGACT 4527

Db 1 AGCATTAATTCGAGACT 18

RESULT 2152

US-09-696-791-1032
Sequence 1032, Application US/09696791
Patent No. 6770633

GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.

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; APPLICANT: Trletz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1032
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-1032

Query Match          0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4276 GAAGAAAACGCACACCA 4293
DB      2 GAAGAAATACGATACCA 19

RESULT 2153
US-09-696-791-1121
; Sequence 1121, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Trletz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1121
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1121

Query Match          0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3936 CTGCGACGTCAAGAGCCG 3953
DB      2 CGGCTTTCAAGAGCCG 19

RESULT 2154
US-09-696-791-1133/C
; Sequence 1133, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Trletz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1133
; LENGTH: 19
; TYPE: DNA
```

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; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1133

Query Match          0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      191 CCAGGAAGAGAGGGGCTG 208
DB      18 CCAGGAAGTAGGGGCGG 1

RESULT 2155
US-09-696-791-1209
; Sequence 1209, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Trletz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1209
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1209

Query Match          0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4595 GAAGCATTAAGAGGCC 4612
DB      1 GAAGCAATATGAATGCC 18

RESULT 2156
US-09-696-791-1241/C
; Sequence 1241, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Trletz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1241
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1241

Query Match          0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1290 ATGGTCTCAAGCTCAGC 1307
DB      1 ATGGTCTCAAGCTCAGC 1307
```

Db 19 ATGCTGTCAAGCACTGC 2

RESULT 2157
US-09-696-791-1843/c
; Sequence 1843, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1843
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1843

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 398 GAGGCCACCAAGAGCAA 415
Db 19 GAGGCCACCAAGAGCAA 2

RESULT 2158
US-09-696-791-1844/c
; Sequence 1844, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1844
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1844

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 398 GAGGCCACCAAGAGCAA 415
Db 18 GAGGCCACCAAGAGCAA 1

RESULT 2159
US-09-696-791-1853/c
; Sequence 1853, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1853
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1853

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2762 GTTCACTGAGCTGCTT 2779
Db 19 GTTCACTGAGCTGCTT 2

RESULT 2160
US-09-696-791-1877
; Sequence 1877, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1877
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1877

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2347 ACCTCCTGTCCCGCAGC 2364
Db 1 ACTTCTGTCTTACTTACC 18

RESULT 2161
US-09-696-791-1934/c
; Sequence 1934, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1934
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

```
; OTHER INFORMATION: Cyclin D2 ribozyme binding site
US-09-696-791-1934

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2592 GACATCATGACGAGTGC 2609
DB      18 GAAGTCATGACGAGTGC 1

RESULT 2162
US-09-696-791-2101
; Sequence 2101, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2101
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
US-09-696-791-2101

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2249 GCACCTCTCTGCTTGG 2266
DB      2 GCATCTCTCTGATTCG 19

RESULT 2163
US-09-696-791-2102
; Sequence 2102, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2102
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
US-09-696-791-2102

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2249 GCACCTCTCTGCTTGG 2266
DB      1 GCATCTCTCTGATTCG 18
```

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RESULT 2164
US-09-696-791-2169/c
; Sequence 2169, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2169
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
US-09-696-791-2169

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3468 AGGACACAGAGTCAAG 3485
DB      19 AGGACACATATGTCAGG 2

RESULT 2165
US-09-696-791-2399/c
; Sequence 2399, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2399
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2399

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2009 CCGATCAGCCATCTG 2026
DB      18 CAGATCTGACACATCTG 1

RESULT 2166
US-09-696-791-2946
; Sequence 2946, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
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; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2946
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin H ribozyme binding site
US-09-696-791-2946

Query Match
Best Local Similarity 83.3%; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1570 TGAATAGTTGGTATCT 1587
Db 1 TGAAGAAGTGTCTCTCT 18

RESULT 2167
US-09-696-791-3247
; Sequence 3247, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3247
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3247

Query Match
Best Local Similarity 83.3%; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 TCCAGATTATTTAAGCA 1077
Db 2 TCCACACTTTTAAACA 19

RESULT 2168
US-09-696-791-3248
; Sequence 3248, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3248
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3248
```

```
Query Match
Best Local Similarity 83.3%; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 TCCAGATTATTTAAGCA 1077
Db 1 TCCACACTTTTAAACA 18

RESULT 2169
US-09-696-791-3426
; Sequence 3426, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3426
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3426

Query Match
Best Local Similarity 83.3%; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1559 ACAGAAATTTCTGATTA 1576
Db 1 ACTGAATATTTGATTA 18

RESULT 2170
US-09-696-791-3506/C
; Sequence 3506, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3506
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3506

Query Match
Best Local Similarity 83.3%; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 AGGAGGACGACACGCG 840
Db 18 AGGATCGACACACGCG 1

RESULT 2171
```

US-09-696-791-3553/c
; Sequence 3553, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3553
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3553
Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1415 GGTGAAGCAGAGTCTCT 1432
DB 18 GGTAAAGAGAGTGTCTCT 1
RESULT 2172
US-09-696-791-3887
; Sequence 3887, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3887
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: PCNA HH ribozyme binding site
US-09-696-791-3887
Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 4360 GGGCGCCATCTGAGAA 4377
DB 1 GGGCTCATCTCTAAGA 18
RESULT 2173
PCT-US94-02891-26
; Sequence 26, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; APPLICANT: SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: XSCID
; NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:
; ADDRESSSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA: PCT/US94/02891
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-26
Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 268 CCCTCTCTCTTTCTCT 285
DB 1 CCCTCTCTCTGTCTCT 18
RESULT 2174
PCT-US95-05265-18
; Sequence 18, Application PC/TUS9505265
; GENERAL INFORMATION:
; APPLICANT: TULARIK, INC.
; TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA BINDING ASSAY
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/05265
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,503
FILING DATE: 29-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: FP-59232-PC/RAO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277293
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05265-18

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3480 TCAGGCCCACTGACCTG 3497
DB 1 TCAGGTCACAGTGACCTG 18

RESULT 2175
PCT-US95-08605-23/c
Sequence 23, Application PC/RUS9508605
GENERAL INFORMATION:
APPLICANT: Visible Genetics Inc.
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08605
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: sequencing primer for exon 2 of human p53 gene
PCT-US95-08605-23

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2853 GAGACTCTCCAAAGCTG 2870
DB 19 GAGACGCTTCCACCTG 2

RESULT 2176
US-08-250-856A-27/c
Sequence 27, Application US/08250856A
Patent No. 5563255
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,856A
FILING DATE: May 31, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0094
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-250-856A-27

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGGCCACGAG 4051
18 GGAGGAGAGCCGACGAG 1

RESULT 2177
US-08-468-037A-13/C
Sequence 13, Application US/08468037A
Patent No. 5859221
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,037A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-468-037A-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGGCCACGAG 4051
18 GGAGGAGAGCCGACGAG 1

RESULT 2178
US-08-471-973A-13/C
Sequence 13, Application US/08471973A
Patent No. 5872232
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.

QY 4034 GGAGGAGGGGCCACGAG 4051
18 GGAGGAGAGCCGACGAG 1

RESULT 2179
US-08-756-806A-27/C
Sequence 27, Application US/08756806A
Patent No. 5952229
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,806A
FILING DATE: No. 5952229ember 26, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGGCCACGAG 4051
18 GGAGGAGAGCCGACGAG 1

RESULT 2179
US-08-471-973A-13
Sequence 13, Application US/08471973A
Patent No. 5872232
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,973A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-471-973A-13

TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-756-806A-27

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGCCACGAG 4051
DB 18 GGAGGAGAGCCACGAG 1

RESULT 2180
US-08-465-880-13/c
Sequence 13, Application US/08465880
Patent No. 5955589
GENERAL INFORMATION:
APPLICANT: Philip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,880
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 244,993
FILING DATE: 21-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-465-880-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGCCACGAG 4051
DB 18 GGAGGAGAGCCACGAG 1

RESULT 2181
US-09-035-357-13/c
Sequence 13, Application US/09035357
Patent No. 6005087
GENERAL INFORMATION:
APPLICANT: Philip Dan Cook
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035,357
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-035-357-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGCCACGAG 4051
DB 18 GGAGGAGAGCCACGAG 1

RESULT 2182
US-09-143-214-27/c
Sequence 27, Application US/09143214
Patent No. 6090626
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/143,214
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: No. 6090626ember 26, 1996
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA: 08/250,856
APPLICATION NUMBER: May 31, 1994
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-143-214-27

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGGGCCACGAG 4051
DB 18 GGAGGAGGAGGCCACGAG 1

RESULT 2183
US-09-000-136-13/C
Sequence 13, Application US/09000136
Patent No. 6096720
GENERAL INFORMATION:
APPLICANT: Love, William G
APPLICANT: Sharmen, Thomas
APPLICANT: Phillips, Judith A
APPLICANT: Nicklin, Paul L
APPLICANT: Hamilton, Karen O
TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
FILE REFERENCE: 4-20536/A/MA 2112
CURRENT APPLICATION NUMBER: US/09/000,136
CURRENT FILING DATE: 1998-04-23
EARLIER APPLICATION NUMBER: GB 9515743.4
EARLIER FILING DATE: 1995-08-01
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
FEATURE:
OTHER INFORMATION: oligonucleotide has uniform phosphorothate
OTHER INFORMATION: backbone and nucleotides 10-20 are substituted by
OTHER INFORMATION: methoxy at the 2' position of the sugar moiety
US-09-000-136-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4034 GGAGGAGGGGCCACGAG 4051

DB 18 GGAGGAGGAGGCCACGAG 1

RESULT 2184
US-09-135-202-13/C
Sequence 13, Application US/09135202
Patent No. 6399754
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawaaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 639975411e
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KB
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,202
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,973
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-135-202-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4034 GGAGGAGGGGCCACGAG 4051
DB 18 GGAGGAGGAGGCCACGAG 1

RESULT 2185
US-09-506-073-28/C
Sequence 28, Application US/09506073
Patent No. 6410518
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of rat Gene Expression
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07

EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-506-073-28

Query Match
Best Local Similarity 83.3%; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGAGGGGCCCGCAGG 4051
DB 18 GGAGAGAGCGCCAGCAGG 1

RESULT 2186
US-08-802-331-13/c
Sequence 13, Application US/08802331
Patent No. 6451991
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISN00083
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-13

Query Match
Best Local Similarity 83.3%; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGAGGGGCCCGCAGG 4051
DB 18 GGAGAGAGCGCCAGCAGG 1

RESULT 2187
US-09-389-283-13/c
Sequence 13, Application US/09389283
Patent No. 6531584
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/389,283
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/035,357
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-389-283-13

Query Match
Best Local Similarity 83.3%; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGAGGGGCCCGCAGG 4051
DB 18 GGAGAGAGCGCCAGCAGG 1

RESULT 2188
PCT-US95-07111A-27/c
Sequence 27, Application PCT/US9507111A
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111A
FILING DATE: May 31, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0135
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20

TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
PCT-US95-07111A-27

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4034 GGAGGAGGCGCCGACG 4051
18 GGAGGAGAGCCGACG 1

RESULT 2189
US-08-889-296A-20
Sequence 20, Application US/08889296A

GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889,296A
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-889-296A-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGCGCGCCGCTGCC 3940

DB 3 GCCGCGCGCCGCGCC 20

RESULT 2190
US-08-848-840A-20
Sequence 20, Application US/08848840A
Patent No. 5965722
GENERAL INFORMATION:
APPLICANT: Monia, et al.
TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/848,840A
FILING DATE: 30-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/794,493
FILING DATE: 04-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/335,046
FILING DATE: 07-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/488,256
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/465,866
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,037
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: 03-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,180
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2458
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-848-840A-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGCGCGCCGCTGCC 3940

Db 3 GCCTCCGCCGCCGCCGCC 20

RESULT 2191

US-08-961-469A-28
Sequence 28, Application US/08961469A
Patent No. 6083923

GENERAL INFORMATION:

APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
APPLICANT: Mike Templin, Randy Howard, Rahul Mehra
TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

FOR MO

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,469A
FILING DATE: October 31, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-961-469A-28

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCCGCGCGCGCGCTGCC 3940

Db 3 GCCTCCGCCGCCGCCGCCGCC 20

RESULT 2192

US-09-128-494-20
Sequence 20, Application US/09128494
Patent No. 6117848

GENERAL INFORMATION:

APPLICANT: Monia, B.P., Cowseert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,494
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/889,296
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-128-494-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCCGCGCGCGCGCTGCC 3940

Db 3 GCCTCCGCCGCCGCCGCCGCC 20

RESULT 2193

US-09-248-386-20
Sequence 20, Application US/09248386
Patent No. 6359124

GENERAL INFORMATION:

APPLICANT: Monia, Brett P
APPLICANT: Sanghvi, Yogesh S
APPLICANT: Ecker, David J
TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
TITLE OF INVENTION: Alternating Oligonucleotides
FILE REFERENCE: IS13350
CURRENT APPLICATION NUMBER: US/09/248,386
FILING DATE: 1999-01-12
EARLIER APPLICATION NUMBER: 08/848,840
EARLIER FILING DATE: 1997-04-30
EARLIER APPLICATION NUMBER: 07/411,734
EARLIER FILING DATE: 1989-09-25
EARLIER APPLICATION NUMBER: PCT/US93/09346
EARLIER FILING DATE: 1993-10-01
EARLIER APPLICATION NUMBER: 07/715,196
EARLIER FILING DATE: 1991-06-14
EARLIER APPLICATION NUMBER: 07/958,134

EARLIER FILING DATE: 1992-10-05
EARLIER APPLICATION NUMBER: 08/007,996
EARLIER FILING DATE: 1993-01-21
EARLIER APPLICATION NUMBER: 07/703,619
EARLIER FILING DATE: 1991-05-21
EARLIER APPLICATION NUMBER: 08/040,903
EARLIER FILING DATE: 1993-03-31
EARLIER APPLICATION NUMBER: 07/040,526
EARLIER FILING DATE: 1987-04-20
EARLIER APPLICATION NUMBER: 08/174,379
EARLIER FILING DATE: 1993-12-28
EARLIER APPLICATION NUMBER: 08/040,933
EARLIER FILING DATE: 1993-03-31
EARLIER APPLICATION NUMBER: 08/300,072
EARLIER FILING DATE: 1994-09-02
EARLIER APPLICATION NUMBER: 08/039,979
EARLIER FILING DATE: 1993-03-30
EARLIER APPLICATION NUMBER: 08/395,168
EARLIER FILING DATE: 1995-02-27
EARLIER APPLICATION NUMBER: 07/814,961
EARLIER FILING DATE: 1991-12-24
EARLIER APPLICATION NUMBER: 08/244,993
EARLIER FILING DATE: 1994-06-21
EARLIER APPLICATION NUMBER: 08/468,037
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO: 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence
US-09-248-386-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGGCGCGCGCGCTGCC 3940
DB 3 GCCTCCGCGCGCGCGGC 20

RESULT 2194
US-09-575-554-20
Sequence 20, Application US/09575554
Patent No. 6784290
GENERAL INFORMATION:
APPLICANT: MONTA, B.P., Cowseert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/575,554
FILING DATE: 22-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995

APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20
US-09-575-554-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3923 GCCGGCGCGCGCGCTGCC 3940
DB 3 GCCTCCGCGCGCGCGGC 20

RESULT 2195
US-08-478-178A-113
Sequence 113, Application US/08478178A
Patent No. 5862927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5862927rls
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single

Kinase C

TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-113

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGCAGCTGGA 1743
DB 2 TCTTCACCGCAGCAGGA 19

RESULT 2196
US-08-488-177-113
Sequence 113, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-488-177-113

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGCAGCTGGA 1743
DB 2 TCTTCACCGCAGCAGGA 19

RESULT 2197
US-08-481-072A-113
Sequence 113, Application US/08481072A
Patent No. 5916807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett

TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-072A-113

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGCAGCTGGA 1743
DB 2 TCTTCACCGCAGCAGGA 19

RESULT 2198
US-08-664-336-113
Sequence 113, Application US/08664336
Patent No. 5922686
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5922686ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA: 089,996
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-664-336-113

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGGCACTGGA 1743
DB 2 TCTTCACCGCACGAGA 19

RESULT 2199
US-08-481-066A-113
Sequence 113, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096rls
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumont
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

ANTI-SENSE: yes
US-08-481-066A-113

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGGCACTGGA 1743
DB 2 TCTTCACCGCACGAGA 19

RESULT 2200
US-08-578-615A-72
Sequence 72, Application US/08578615A
Patent No. 6015892
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892rls LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-578-615A-72

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGGCACTGGA 1743
DB 2 TCTTCACCGCACGAGA 19

RESULT 2201
US-08-578-615A-73
Sequence 73, Application US/08578615A
Patent No. 6015892
GENERAL INFORMATION:

APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Bogg
TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892rls LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-578-615A-73
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1726 TCTTCATCGGACCTGGA 1743
Db 2 TCTTCAACGACACGAGA 19
RESULT 2202
US-08-829-637A-113
Sequence 113, Application US/08829637A
Patent No. 6339066
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Phillip Dan Cook
APPLICANT: Nicholas Dean
APPLICANT: Glenn Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
TITLE OF INVENTION: PHOSPHOTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
TITLE OF INVENTION: WHICH MODULATE at, all, , k, n, AND ISOFORMS OF
TITLE OF INVENTION: PROTEIN KINASE C
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28,937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066rls
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,637A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-113
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1726 TCTTCATCGGACCTGGA 1743
Db 2 TCTTCAACGACACGAGA 19
RESULT 2203
US-09-439-261-55/C
Sequence 55, Application US/09439261

```
; Patent No. 6428990
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Mukerji, Pardeep
; APPLICANT: Leonard, Amanda E.
; APPLICANT: Huang, Yung-Sheng
; TITLE OF INVENTION: HUMAN DESATURASE GENE AND USES THEREOF
; FILE REFERENCE: 6295.US.P2
; CURRENT APPLICATION NUMBER: US/09/439,261
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: US 08/833,610
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: PCT/US98/07422
; PRIOR FILING DATE: 1998-04-10
; PRIOR APPLICATION NUMBER: US 09/227,613
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer R0527
US-09-439-261-55

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3916 CCCCCGAGCCGCGCGCC 3933
Db      18 CCCCAGCCGCGTGGCCGC 1

RESULT 2204
US-10-025-139-113
; Sequence 113, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-113

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1726 TCTTCATCGCAGCCTGGA 1743
Db      2 TCTTCAACCGCACCCAGGA 19
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RESULT 2205
PCT-US94-07770-72
; Sequence 72, Application PC/TUS9407770
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and
; APPLICANT: Russell T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07770
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: July 9, 1993
; APPLICATION NUMBER: 08/189,779
; FILING DATE: February 22, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1546
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US94-07770-72

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1726 TCTTCATCGCAGCCTGGA 1743
Db      2 TCTTCAACCGCACCCAGGA 19

RESULT 2206
PCT-US94-07770-73
; Sequence 73, Application PC/TUS9407770
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and
; APPLICANT: Russell T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
```

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumont
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-07770-73

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1726 TCTTCATCGCACCTGGA 1743
DB 2 TCTTCACCGCACGAGA 19

RESULT 2207
US-07-805-123C-14
Sequence 14, Application US/07805123C
Patent No. 5262529
GENERAL INFORMATION:
APPLICANT: Dryja, Thadeus P.
APPLICANT: Berson, Eliot L.
TITLE OF INVENTION: DIAGNOSIS OF HEREDITARY RETINAL
TITLE OF INVENTION: DEGENERATIVE DISEASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/805,123C
FILING DATE: 19911211
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/469,215
FILING DATE: January 24, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00246/069003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-805-123C-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2718 TATGCCACATTGAAGACC 2735
DB 1 TATGCCAGATGAAGACC 18

RESULT 2208
US-07-889-651-11/C
Sequence 11, Application US/07889651
Patent No. 532580
GENERAL INFORMATION:
APPLICANT: Spears, Patricia A.
APPLICANT: Shank, Daryl D.
TITLE OF INVENTION: Mycobacteria Probes
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard J. Rodrick
STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: New Jersey
COUNTRY: USA
ZIP: 07417-1880
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/889,651
FILING DATE: 19920526
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stierwalt, Brian K.
REGISTRATION NUMBER: 33,213
REFERENCE/DOCKET NUMBER: P-2512
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-847-5317
TELEFAX: 201-848-9228
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-07-889-651-11

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 16 CCAGGTGGGTGTCAGCAC 33
Db 19 CCAGGTGGGTGTCAGCAC 2

RESULT 2209

US-07-890-719-2/c
Sequence 2, Application US/07890719
Patent No. 5387506
GENERAL INFORMATION:
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F.; BRAKEFIELD,
APPLICANT: KANDRA O.
TITLE OF INVENTION: USE OF GENETIC MARKERS TO DIAGNOSE FAMILIAL
TITLE OF INVENTION: DYSAUTONOMIA
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/890,719
FILING DATE: 19920722
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: EUGENE C. RZUCIDLO
REGISTRATION NUMBER: 31,900
REFERENCE/DOCKET NUMBER: 1828-4001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
MOLECULE TYPE: UNKNOWN
TOPOLOGY: UNKNOWN
MOLECULE TYPE: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: HUMAN
STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
FEATURE:
NAME/KEY: PRIMER SEQUENCE OF HXB LOCUS
LOCATION: CHROMOSOME 9
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: OZELIUS, U.; SCHUBACK, D.E.; STEFANSON, K.;
AUTHORS: SLAVGENHAUPT, S.; GUSELLA, J.F.; BRAKEFIELD, X.O.
TITLE: DINUCLEOTIDE REPEAT POLYMORPHISM FOR THE HEXABRACHION
JOURNAL: GENE (HXB) ON CHROMOSOME 9q32-34
VOLUME: 1
ISSUE: 2
PAGES: 141

DATE: 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-07-890-719-2

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1645 AAAAGAGAGAGAGCTTCT 1662
Db 18 AAAAGAGAGAGAGCTTCT 1

RESULT 2210

US-08-178-606-13/c
Sequence 13, Application US/08178606
Patent No. 546598
GENERAL INFORMATION:
APPLICANT: Matsuyama, Kenji
TITLE OF INVENTION: AN ACETYLTRANSFERASE GENE-CONTAINING DNA
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolach & Birch
STREET: 301 No. 546598th Washington Street
CITY: Falls Church
STATE: Virginia
COUNTRY: USA
ZIP: 22046-3487
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/178,606
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/661,615
FILING DATE: 28-FEB-1991
APPLICATION NUMBER: JP 2-49434
FILING DATE: 02-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 216-269P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 241-1300
TELEFAX: (703) 241-2848
TELEX: 248345
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-178-606-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3844 CCCAGGCCCGGTGCGCG 3861
Db 18 CCTAGGCCCGGATCCGG 1

RESULT 2211

US-08-033-081B-23
Sequence 23, Application US/08033081B
Patent No. 5498521
GENERAL INFORMATION:
APPLICANT: Dryja, Thaddeus P.
APPLICANT: Beron, Eliot L.
TITLE OF INVENTION: DIAGNOSIS OF HEREDITARY RETINAL
TITLE OF INVENTION: DEGENERATIVE DISEASES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/033.081B
FILING DATE: March 11, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/825,296
FILING DATE: January 23, 1992
APPLICATION NUMBER: 07/469,215
FILING DATE: January 24, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00246/069005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-033-081B-23
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2718 TATGCCACATTGAAGACC 2735
DB 1 TATGCCAGATGAAGCCC 18
RESULT 2212
US-08-118-534A-6
Sequence 6, Application US/08118534A
Patent No. 5501963
GENERAL INFORMATION:
APPLICANT: burckhardt, jean
TITLE OF INVENTION: Amplification and Detection of Nucleic
TITLE OF INVENTION: Acids in Blood Samples
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: USA
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/118,534A
FILING DATE: 08-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 2875/92
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Rocha, Patricia S.
REGISTRATION NUMBER: 31054
REFERENCE/DOCKET NUMBER: 4095/093
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 235-2441
TELEFAX: (201) 235-3500
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
US-08-118-534A-6
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 815 GCCGCTGGAGAGAGCA 832
DB 2 GCAGCAGATGAAGAGCA 19
RESULT 2213
US-08-136-811-14/c
Sequence 14, Application US/08136811
Patent No. 5510239
GENERAL INFORMATION:
APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Clarence Frank
TITLE OF INVENTION: Oligonucleotide Interference with
TITLE OF INVENTION: Multidrug Resistance
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/136,811
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400

TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-136-811-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3599 GCCTGCTCCAGGAGGA 3616
DB 19 GCCAGCGCCAGGAGGA 2

RESULT 2214
US-08-031-143B-56
Sequence 56, Application US/0801143B
Patent No. 5518860
GENERAL INFORMATION:
APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
APPLICANT: MCERIDE, O. WESLEY
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF XSCID
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/031,143B
FILING DATE: 12-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FELLER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-56

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 282 CTCCTCTCTCTCTGCT 299

DB 2 CACTCTGTCTCTCTGCT 19

RESULT 2215
US-08-474-542A-143/C
Sequence 143, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravit, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-542A-143

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GCCTTGTGTTTCAGGA 4206
DB 19 GCCTTTCCTTTTCAGGA 2

RESULT 2216
US-08-474-542A-144
Sequence 144, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravit, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Hoffmann-La Roche Inc.
;; STREET: 340 Kingsland Street
;; CITY: Nutley
;; STATE: New Jersey
;; COUNTRY: U.S.A.
;; ZIP: 07110
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: IBM PC compatible
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/474,542A
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Petty, Douglas A.
;; REGISTRATION NUMBER: 35,321
;; REFERENCE/DOCKET NUMBER: 9234
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (510) 814-2974
;; TELEFAX: (510) 814-2977
;; INFORMATION FOR SEQ ID NO: 144:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-144

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4189 GGCTTGTGTTTCAGCA 4206
Db 2 GGCTTTCCTTTTCAGCA 19

RESULT 2217
US-08-107-684B-31
; Sequence 31, Application US/08107684B
; Patent No. 5552273
; GENERAL INFORMATION:
; APPLICANT: CLEUZIAI, Philippe L.
; APPLICANT: AMADE, Abalo
; APPLICANT: ROBERT-BAUDOUY, Jeanine
; APPLICANT: GAYRAL, Jean-Pierre
; TITLE OF INVENTION: POLYPEPTIDES CONTAINING SEQUENCES
; TITLE OF INVENTION: CHARACTERISTIC OF PYRROLIDONE CARBOXYLYL PEPTIDASES,
; TITLE OF INVENTION: POLYNUCLEOTIDES CONTAINING A SEQUENCE CODING FOR SUCH
; TITLE OF INVENTION: POLYPEPTIDES, AND THEIR USE, IN PARTICULAR FOR DIAGNOSTIC
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/107,684B
; FILING DATE: 17-AUG-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.

;; REGISTRATION NUMBER: 30,024
;; REFERENCE/DOCKET NUMBER: WPB 28478
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (703) 836-6400
;; TELEFAX: (703) 836-2787
;; INFORMATION FOR SEQ ID NO: 31:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-107-684B-31

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2807 AGAAATGAAGAGAG 2824
Db 1 AGAAACAGACGAGAG 18

RESULT 2218
US-07-977-284A-81
; Sequence 81, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rytvanen, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kutz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-07-977-284A-81

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1291 TGGTGTCCAGCTCAGCC 1308
|||||
DB 3 TGGGTATCAGCTCAGCC 20

RESULT 2219

US-07-977-284A-179
; Sequence 179, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Brockop, Darwin J.
; APPLICANT: Ala-Koko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Riltvanleml, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOPORITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TDU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 179:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-07-977-284A-179

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4061 CAGGACGCGATCGAGTG 4078
|||||
DB 2 CAGGTGAGCATTCAGTG 19

RESULT 2220
US-08-308-949A-23/C
; Sequence 23, Application US/08308949A
; Patent No. 5580703
; GENERAL INFORMATION:

; APPLICANT: Kotlin, Robert M.
; APPLICANT: Berns, Kenneth I.
; APPLICANT: Linden, Ralph M.
; TITLE OF INVENTION: Human Adeno-Associated Virus Integration
; TITLE OF INVENTION: Site DNA and Uses thereof
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/308,949A
; FILING DATE: September 20, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,127
; FILING DATE: September 27, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Carroll, Alice O.
; REGISTRATION NUMBER: 33,542
; REFERENCE/DOCKET NUMBER: ACC92-10F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-308-949A-23

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3494 CCTGGGAGAGAGCAGC 3511
|||||
DB 19 CCTGGAGAGATGCGG 2

RESULT 2221
US-08-222-177A-263
; Sequence 263, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n. (dc-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Dewilt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A

FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865,601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 263:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: m675p1
US-08-222-177A-263

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 288 CTCCTCTGCTGTTGTTT 305
Db 1 CTCACATCATGCTGTTT 18

RESULT 2222
US-08-406-635-6/c
Sequence 6, Application US/08406635
Patent No. 5599674
GENERAL INFORMATION:
APPLICANT: PENNA, SERGIO D.J.
TITLE OF INVENTION: METHOD FOR RECOGNITION OF THE NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE OF A PURIFIED DNA SEGMENT
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & ROEBSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/406,635
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/100,738
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: MORASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 45119-20001.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-406-635-6

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1714 ACATGATCACCATTCTCA 1731
Db 20 ACATGCCACCATCTGCA 3

RESULT 2223
US-08-242-403A-74
Sequence 74, Application US/08242403A
Patent No. 5631130
GENERAL INFORMATION:
APPLICANT: Leckie, G. W.
APPLICANT: Davis, A. H.
APPLICANT: Semple-Facey, I. E.
APPLICANT: Manlove, M. T.
APPLICANT: Solomon, N. A.
TITLE OF INVENTION: Materials and Methods for the Detection of
TITLE OF INVENTION: Mycobacteria tuberculosis
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,403A
FILING DATE: May 13, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainerd
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5370,US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Synthetic DNA
US-08-242-403A-74

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4190 GCTTTGTGTTTCAGGAA 4207
Db 1 GCTGTGAGTTTTCAGCA 18

RESULT 2224
US-08-435-529-27
Sequence 27, Application US/08435529
Patent No. 5635354

GENERAL INFORMATION:
APPLICANT: KOURILSKY, PHILIPPE
APPLICANT: PANNETIER, CHRISTOPHE
APPLICANT: COCHET, MADELINE
TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF
TITLE OF INVENTION: ANTIBODIES (AB) AND OF T-CELL RECEPTORS (TCR) OF AN
TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,529
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/084,249
FILING DATE: 09-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5635354man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-015-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-435-529-27

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1156 TCTGCAAGAGAGCTCTATG 1173
DB 1 TCCACAAAAGAGCTCTATG 18

RESULT 2225
US-08-457-648-143/c
Sequence 143, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey

COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-143

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GCGTTTGCTTTTCAGGA 4206
DB 19 GCGTTTCTTTTCAGGA 2

RESULT 2226
US-08-457-648-144
Sequence 144, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 144:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-144

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GGCCTTGCTTTTCAGCA 4206
DB 2 GGCCTTTCCTTTTCAGCA 19

RESULT 2227
US-08-158-189-48
Sequence 48, Application US/08158189
Patent No. 5641497
GENERAL INFORMATION:
APPLICANT: Bevins, Charles L.
TITLE OF INVENTION: Gastrointestinal Defensein Peptides,
TITLE OF INVENTION: cDNA Sequences, Methods for Production and Use Thereof
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641497r18
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/158,189
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/888,232
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, Philip S.
REGISTRATION NUMBER: 27,200
REFERENCE/DOCKET NUMBER: CH-0219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
US-08-158-189-48

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5002 TCTCCAGCTGGCTGCCA 5019
DB 1 TCGCCATCTTGTGCTGCCA 18

RESULT 2228
US-08-335-116A-5/c

Sequence 5, Application US/08335116A
Patent No. 5643763
GENERAL INFORMATION:
APPLICANT: Barbara Dunn
APPLICANT: Theodore K. Choi
TITLE OF INVENTION: METHODS FOR MAKING RECOMBINANT YEAST
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: COOLEY, GODWARD, ET AL.
STREET: 5 Palo Alto Square,
STREET: Fourth Floor
CITY: Palo Alto
STATE: California
COUNTRY: U.S.A.
ZIP: 94044

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 558X
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/335,116A
FILING DATE: No. 5643763ember 4, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Richard L. Neeley
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: GENP-003/00US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 843-5000
TELEFAX: (415) 857-0663
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-335-116A-5

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCAACCCCACTACATCG 3258
DB 18 TCAGCCCAACTCCTCATG 1

RESULT 2228
US-08-290-936-9/c
Sequence 9, Application US/08290936
Patent No. 5656743
GENERAL INFORMATION:
APPLICANT: Busch et al.
TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION
TITLE OF INVENTION: OF CELL GROWTH
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: Mackiewicz & No. 5656743r18
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/290,936

FILING DATE: No. 5656743ember 18, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00754
FILING DATE: January 27, 1993
APPLICATION NUMBER: 07/841,660
FILING DATE: February 19, 1992
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell and Rebecca L. Ralph
REGISTRATION NUMBER: 28,937 and 35,152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-290-936-9

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGGCCAAGAGGTT 938
DB 19 TGGAGGCCAAGCGGCT 2

RESULT 2230
US-08-290-936-16
Sequence 16, Application US/08290936
Patent No. 5656743
GENERAL INFORMATION:
APPLICANT: Busch et al.
TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION
TITLE OF INVENTION: OF CELL GROWTH
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5656743r1s
STREET: One Liberty Place - 46th Floor
City: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/290,936
FILING DATE: No. 5656743ember 18, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00754
FILING DATE: January 27, 1993
APPLICATION NUMBER: 07/841,660
FILING DATE: February 19, 1992
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell and Rebecca L. Ralph
REGISTRATION NUMBER: 28,937 and 35,152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: no
US-08-290-936-16

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGGCCAAGAGGTT 938
DB 2 TGGAGGCCAAGCGGCT 19

RESULT 2231
US-08-379-072A-7/C
Sequence 7, Application US/08379072A
Patent No. 5658570
GENERAL INFORMATION:
APPLICANT: NEWMAN, Roland A.
APPLICANT: HANNA, Nabil
APPLICANT: RAAB, Ronald W.
TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
City: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,072A
FILING DATE: 25-JAN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Rea, Teresa Stanek
REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 012712-067
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-379-072A-7

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCAACCCCACTGATCG 3258
DB 18 TCAGCCCAACTCATCG 1

RESULT 2232

US-08-547-182-7/C

Sequence 7, Application US/08547182
Patent No. 5672694

GENERAL INFORMATION:

APPLICANT: Campbell, Kevin P.

APPLICANT: Lim, Leland

APPLICANT: Duclos, Franck

APPLICANT: Sunada, Yoshinide

APPLICANT: Beckmann, Jacques S.

APPLICANT: Broux, Odile

APPLICANT: Tome, Fernando M.S.

APPLICANT: Fardeau, Michel

APPLICANT: Jackson, Charles E.

TITLE OF INVENTION: -SARCOSYLICAN NUCLEIC ACID SEQUENCE,
TITLE OF INVENTION: DELETTERIOUS MUTATIONS AND APPLICATIONS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kevin M. Farrell

STREET: P.O. Box 999

CITY: York Harbor

STATE: ME

COUNTRY: USA

ZIP: 03911

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/547,182

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Farrell, Kevin M.

REGISTRATION NUMBER: 35,505

REFERENCE/DOCKET NUMBER: UIRF-9502

TELECOMMUNICATION INFORMATION:

TELEPHONE: 207-363-0528

TELEFAX: 207-363-0528

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-547-182-7

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5256 TTGTGCTTCTTAAAA 5273

Db 19 TTGTCCCTGCTGAAAA 2

RESULT 2233

US-08-547-182-8/C

Sequence 8, Application US/08547182
Patent No. 5672694

GENERAL INFORMATION:

APPLICANT: Campbell, Kevin P.

APPLICANT: Lim, Leland

APPLICANT: Duclos, Franck

APPLICANT: Sunada, Yoshinide

APPLICANT: Beckmann, Jacques S.

APPLICANT: Broux, Odile

APPLICANT: Tome, Fernando M.S.

APPLICANT: Fardeau, Michel

APPLICANT: Jackson, Charles E.

TITLE OF INVENTION: -SARCOSYLICAN NUCLEIC ACID SEQUENCE,
TITLE OF INVENTION: DELETTERIOUS MUTATIONS AND APPLICATIONS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kevin M. Farrell

STREET: P.O. Box 999

CITY: York Harbor

STATE: ME

COUNTRY: USA

ZIP: 03911

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/547,182

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Farrell, Kevin M.

REGISTRATION NUMBER: 35,505

REFERENCE/DOCKET NUMBER: UIRF-9502

TELECOMMUNICATION INFORMATION:

TELEPHONE: 207-363-0528

TELEFAX: 207-363-0528

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-547-182-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5256 TTGTGCTTCTTAAAA 5273

Db 19 TTGTCCCTGCTGAAAA 2

APPLICANT: Jackson, Charles E.
TITLE OF INVENTION: -SARCOSYLICAN NUCLEIC ACID SEQUENCE,
TITLE OF INVENTION: DELETTERIOUS MUTATIONS AND APPLICATIONS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Kevin M. Farrell

STREET: P.O. Box 999

CITY: York Harbor

STATE: ME

COUNTRY: USA

ZIP: 03911

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/547,182

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Farrell, Kevin M.

REGISTRATION NUMBER: 35,505

REFERENCE/DOCKET NUMBER: UIRF-9502

TELECOMMUNICATION INFORMATION:

TELEPHONE: 207-363-0528

TELEFAX: 207-363-0528

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-547-182-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5256 TTGTGCTTCTTAAAA 5273

Db 19 TTGTCCCTGCTGAAAA 2

RESULT 2234

US-08-478-039-53/C

Sequence 53, Application US/08478039
Patent No. 5681722

GENERAL INFORMATION:

APPLICANT: Newman, Roland A.

APPLICANT: Hanna, Nabil

APPLICANT: Raab, Ronald W.

TITLE OF INVENTION: Recombinant Antibodies for Human Therapy

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince St.

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22313-1404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/478,039

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,072

FILING DATE: 25-JAN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Teakin Eq., Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-160
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ANTI-SENSE: NO
POSITION IN GENOME:
CHROMOSOME/SEGMENT: heavy chain variable region
US-08-478-039-53

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCAACCCGACTGATG 3258
DB 18 TCAGCCCAACTCCATG 1

RESULT 2235
US-08-363-585-37/c
Sequence 37, Application US/08363585
Patent No. 563872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of oligonucleotide probes
TITLE OF INVENTION: As the Bound ligands for use in Reverse
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESS: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Cohen, Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232

TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
ANTI-SENSE: NO
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
US-08-363-585-37
RELEVANT RESIDUES IN SEQ ID NO: 37: 1 to 20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 145 ACTTACGCTGCCACTGA 162
DB 19 ACTTACGCTGCCACAGA 2

RESULT 2236
US-08-481-869-7/c
Sequence 7, Application US/08481869
Patent No. 5693780
GENERAL INFORMATION:
APPLICANT: NEWMAN, Roland A.
APPLICANT: HANNA, Nabil
APPLICANT: RAAB, Ronald W.
TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESS: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,869
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/379,072A
FILING DATE: 25-JAN-1995
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Rea, Teresa Stanek

REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 012712-067
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-462-305-7

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCAACCCCACTCATG 3258
DB 18 TCAGCCCAACTCATG 1

RESULT 2237
US-08-462-305-15/c
Sequence 15, Application US/08462305
Patent No. 5696248
GENERAL INFORMATION:
APPLICANT: Peyman, Anuschirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Uhlmann, Carolin
TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoechst Marion Roussel, Inc.
STREET: 2110 E. Galbraith Road, P.O. Box 156300
CITY: Cincinnati
STATE: Ohio
COUNTRY: USA
ZIP: 45215-6300
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,305
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,889
REFERENCE/DOCKET NUMBER: HOE94/F161K US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-948-7183
TELEFAX: 513-948-7960 or 4681
TELEX: 214320
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-462-305-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGCCCAAGAGGTT 938
DB 19 TGGAGCGCCAAAGCGCGT 2

RESULT 2238
US-08-445-751A-2
Sequence 2, Application US/08445751A
Patent No. 5700642
GENERAL INFORMATION:
APPLICANT: Monforte, Joseph A.
APPLICANT: Becker, Christopher H.
APPLICANT: Shaler, Thomas A.
APPLICANT: Pollart, Daniel J.
TITLE OF INVENTION: Oligonucleotide Sizing Using Immobilized
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: U.S.A.
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,751A
FILING DATE: 22-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 8255-0015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-324-0880
TELEFAX: 415-324-0960
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Immobilized cleavable 20-mer primer
FEATURE:
NAME/KEY: misc feature
LOCATION: 16..17
OTHER INFORMATION: /note= "primer containing a first
OTHER INFORMATION: region with an immobilization attachment site, a
OTHER INFORMATION: cleavable site "X" between nucleotides 16 and 17
US-08-445-751A-2

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4827 CTCCTGTGAGAGACTCTG 4844
DB 2 CTCCTGTGAGAGACTCTG 19

RESULT 2239
US-08-445-751A-3/c
Sequence 3, Application US/08445751A
Patent No. 5700642
GENERAL INFORMATION:
APPLICANT: Monforte, Joseph A.
APPLICANT: Becker, Christopher H.
APPLICANT: Shaler, Thomas A.

APPLICANT: Pollart, Daniel J.
TITLE OF INVENTION: Oligonucleotide Sizing Using Immobilized
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: U.S.A.
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,751A
FILING DATE: 22-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 8255-0015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-324-0880
TELEFAX: 415-324-0960
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Exemplary single stranded target,
INDIVIDUAL ISOLATE: complement to seq. id no 2
US-08-445-751A-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4827 CTCCTGTGAGAGATCTG 4844
DB 19 CTCCTGTGAGAGACTCTG 2

RESULT 2240
US-08-089-996-8
Sequence 8, Application US/0808996
Patent No. 5703054
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/089,996
FILING DATE: 19930709
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: linear
HYPOTHETICAL: YES
ANTI-SENSE: YES
US-08-089-996-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3209 TCGGTGACGTGAGCTGAG 3226
DB 3 TCGGTGACGTGAGCTGAG 20

RESULT 2241
US-08-389-067-10
Sequence 10, Application US/08389067
Patent No. 5714312
GENERAL INFORMATION:
APPLICANT: NUNO BARDOSA NOLASCO, Guetavo
APPLICANT: DE BLAS BEORLEGUI, Carmen
APPLICANT: BORJA TOME, Maria Jose
APPLICANT: PONS ASCASO, Fernando
APPLICANT: TORRES PASCUAL, Vicente
TITLE OF INVENTION: PROCEDURE FOR THE DETECTION AND
IDENTIFICATION OF VIRAL AND SUBVIRAL PATHOGENS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ostrolenk, Faber, Garb & Soffen
STREET: 1180 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-8403
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,067
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/070,729
FILING DATE: 02-JUN-1993
APPLICATION NUMBER: ES 920232
FILING DATE: 12-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Meliman, Edward A.
REGISTRATION NUMBER: 24,735
REFERENCE/DOCKET NUMBER: FA-1849 (613-54)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 382-0700
TELEFAX: (212) 382-0888
TELEX: 236925

; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-389-067-10

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4277 AAGAAAACGACACAG 4294
DB 2 AAGAAATCCGACACAG 19

RESULT 2242
US-08-446-660-11/c
; Sequence 11, Application US/08446660
; Patent No. 572328
; GENERAL INFORMATION:
; APPLICANT: Dalboege, Henrik
; APPLICANT: Andersen, Lene N
; APPLICANT: Kofed, Lene V
; APPLICANT: Kaupinen, Markus S
; APPLICANT: Christgau, Stephan
; TITLE OF INVENTION: AN ENZYME WITH ENDOGLUCANASE ACTIVITY
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5723280 No. 572328disk of No. 572328th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,660
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Harrington, James J.
; REGISTRATION NUMBER: 38,711
; REFERENCE/DOCKET NUMBER: 3950, 204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-446-660-11

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1874 CCGTAGTGAAGAGAGTG 1891
DB 19 CCGGAGAGAGAGAGTG 2

RESULT 2243
US-08-476-349A-53/c
; Sequence 53, Application US/08476349A
; Patent No. 5750105

; GENERAL INFORMATION:
; APPLICANT: Newman, Roland A.
; APPLICANT: Hanna, Nabil
; APPLICANT: Raab, Ronald W.
; TITLE OF INVENTION: Recombinant Antibodies for Human Therapy
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince St.
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,349A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,072
; FILING DATE: 25-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/735,064
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teakin Esq., Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-161
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: CDNA
; ANTI-SENSE: NO
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: heavy chain variable region
US-08-476-349A-53

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCAACCCCACTACATGG 3258
DB 18 TCAGCCCAACTCATGG 1

RESULT 2244
US-08-476-237-3/c
; Sequence 3, Application US/08476237
; Patent No. 5756096
; GENERAL INFORMATION:
; APPLICANT: NEWMAN, Roland A.
; APPLICANT: HANNA, Nabil
; APPLICANT: RAAB, Ronald W.
; TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:

ADDRESSER: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Teekin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-476-237-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCACCCCACTACATCG 3258
DB 18 TCACCCCACTACATCG 1

RESULT 2245
US-08-750-532-15/c
Sequence 15, Application US/08750532
Patent No. 5756339
GENERAL INFORMATION:
APPLICANT: MITTA, Masanori
APPLICANT: YAMAMOTO, Katsuniko
APPLICANT: MORISHITA, Mio
APPLICANT: ASADA, Kiyozo
APPLICANT: TSUNASAWA, Susumu
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: HYPERTHERMOSTABLE PROTEASE GENE
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEWMARK, P.L.L.C.
STREET: 419 Seventh Street N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: United States of America
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/750,532

FILING DATE: 435
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/JP95/01095
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 1994/130236
FILING DATE: 13-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 1994/173912
FILING DATE: 26-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: MITTA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-750-532-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3463 CTCACGACACGAGCT 3480
DB 18 CTCACGACACGAGCT 1

RESULT 2246
US-08-630-592-21
Sequence 21, Application US/08630592
Patent No. 5770432
GENERAL INFORMATION:
APPLICANT: Nishina, Patsy
APPLICANT: No. 5770432entrauth, Konrad
APPLICANT: Nagert, Juegen
APPLICANT: No. 5770432eth, Michael
TITLE OF INVENTION: Obesity Associated Genes
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 3400 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94114187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,592
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A59504/BIR/PJS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 7811989
TELEFAX: (415) 3983249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-630-592-21

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2839 TGGTGAAGTTGGTGAGA 2856
DB 2 TGGTGAAGTCGCGTGCTGA 19

RESULT 2247
US-08-531-556-110
Sequence 110, Application US/08511556
Patent No. 576682
GENERAL INFORMATION:
APPLICANT: Agoulnik, Alexander I
APPLICANT: Kent First, Marijo
APPLICANT: Mualllem, Arlege
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Demitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: WI
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,556
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 34506.034CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-831-2100
TELEFAX: 608-831-2106
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-531-556-110

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4799 TGGAGAGCAGGAATC 4816
DB 2 TGCAGATCGCAGGAATC 19

RESULT 2248
US-08-714-991-21
Sequence 21, Application US/08714991
Patent No. 576762

GENERAL INFORMATION:
APPLICANT: NORTH, Michael
APPLICANT: NISHINA, Patsy
APPLICANT: No. 5776762en-Trauth, Konrad
APPLICANT: NAGERT, Juergen
TITLE OF INVENTION: OBESITY ASSOCIATED GENES
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLHR, HOHACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,991
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SHERWOOD, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-59504-1/PJS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-494-8700
TELEFAX: 415-494-8771
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-714-991-21

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2839 TGGTGAAGTTGGTGAGA 2856
DB 2 TGGTGAAGTCGCGTGCTGA 19

RESULT 2249
US-08-774-128-74
Sequence 74, Application US/08774128
Patent No. 5786149
GENERAL INFORMATION:
APPLICANT: Leckie, G. W.
APPLICANT: Davis, A. H.
APPLICANT: Semple-Facey, I. E.
APPLICANT: Manlove, M. T.
APPLICANT: Solomon, N. A.
TITLE OF INVENTION: Materials and Methods for the Detection of
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,128
FILING DATE: 23-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA: 08/242,403
APPLICATION NUMBER: 32,459
FILING DATE: May 13, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brinnard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5370.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Synthetic DNA
US-08-774-128-74

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4190 GCTTGTGTTTCAGGA 4207
DB 1 GCTGTGATTTTCACGA 18

RESULT 2250
US-08-835-770-14/c
Sequence 14, Application US/08835770
Patent No. 5801154
GENERAL INFORMATION:
APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: and Nicholas M. Dean
TITLE OF INVENTION: Oligonucleotide Modulation of Multidrug
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,770
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE: 10/18/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/628,731
FILING DATE: 04/16/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0208
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400

TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-835-770-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3599 GCGTCTCCAGGA 3616
DB 19 GCCAGGCCAGGAGA 2

RESULT 2251
US-08-628-731-14/c
Sequence 14, Application US/06628731
Patent No. 5807838
GENERAL INFORMATION:
APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Clarence Frank
TITLE OF INVENTION: Oligonucleotide Interference with
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,731
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
FILING DATE:
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-628-731-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3599 GCGTCTCCAGGA 3616
DB 19 GCCAGGCCAGGAGA 2


```
RESULT 2252
US-08-639-363-2
; Sequence 2, Application US/08639363
; Patent No. 5830655
; GENERAL INFORMATION:
; APPLICANT: Montforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Shaler, Thomas A.
; APPLICANT: Pollart, Daniel J.
; TITLE OF INVENTION: Oligonucleotide Sizing Using Cleavable
; PRIMER
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,363
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/445,751
; FILING DATE: 22-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Evans, Susan T.
; REGISTRATION NUMBER: 38,443
; REFERENCE/DOCKET NUMBER: 8255-0015.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-324-0880
; TELEFAX: 415-324-0960
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Immobilized cleavable 20-mer primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 16..17
; OTHER INFORMATION: /note="primer containing a first
; OTHER INFORMATION: region with an immobilization attachment site, a
; OTHER INFORMATION: cleavable site "x" between nucleotides 16 and 17"
US-08-639-363-2

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4827 CTCGAGTGAGAGATCTG 4844
Db      2 CTCCTGTGAGAGACTCTG 19

RESULT 2253
US-08-639-363-3/c
; Sequence 3, Application US/08639363
; Patent No. 5830655
; GENERAL INFORMATION:
; APPLICANT: Montforte, Joseph A.
; APPLICANT: Becker, Christopher H.
```

```
APPLICANT: Shaler, Thomas A.
APPLICANT: Pollart, Daniel J.
; TITLE OF INVENTION: Oligonucleotide Sizing Using Cleavable
; PRIMER
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/639,363
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/445,751
; FILING DATE: 22-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Evans, Susan T.
; REGISTRATION NUMBER: 38,443
; REFERENCE/DOCKET NUMBER: 8255-0015.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-324-0880
; TELEFAX: 415-324-0960
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Single stranded target, complement
; INDIVIDUAL ISOLATE: to seq. id no. 2
US-08-639-363-3

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4827 CTCGAGTGAGAGATCTG 4844
Db      19 CTCCTGTGAGAGACTCTG 2

RESULT 2254
US-08-430-813-7
; Sequence 7, Application US/08430813
; Patent No. 5830725
; GENERAL INFORMATION:
; APPLICANT: No. 5830725an, Garry P.
; APPLICANT: Kinella, Todd
; TITLE OF INVENTION: RAPID, STABLE HIGH-TITRE PRODUCTION OF
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430, 813
FILING DATE: 28-APR-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Osman Ph. D., Richard Aron
REGISTRATION NUMBER: 36,627
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 494-8700
TELEFAX: (415) 494-8771
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-430-813-7

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3185 GTGGGAAGTCATCAGCAG 3202
Db 2 GTGGAAATCTCAGCAG 19

RESULT 2255
US-08-257-963B-18/c
Sequence 18, Application US/08257963B
Patent No. 5840686
GENERAL INFORMATION:
APPLICANT: Chader, Gerald J.; Becerra, S.
APPLICANT: Patricia; Schwartz, Joan P.;
APPLICANT: Taniwaki, Takayuki,
TITLE OF INVENTION: PIGMENT EPITHELIAL
TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL
TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
TITLE OF INVENTION: AND EXPRESSING THE PROTEIN
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan & Finnegan
STREET: 345 Park Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/257, 963B
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEPT-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AULT
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Unknown
TOPOLOGY: Unknown
MOLECULE TYPE: Oligonucleotide
FEATURE:
NAME/KEY: 2744
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: primer in a polymerase
OTHER INFORMATION: chain reaction
US-08-257-963B-18

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2829 GGGGAGCTGTGTGTAAG 2846
Db 19 GGGCGCTGTGTGAGCAG 2

RESULT 2256
US-08-457-273B-11
Sequence 11, Application US/08457273B
Patent No. 5849995
GENERAL INFORMATION:
APPLICANT: Hayden, Michael
APPLICANT: Lin, Biaoyang
APPLICANT: Nasir, Jamal
TITLE OF INVENTION: Mouse Model for Huntington's Disease and
TITLE OF INVENTION: Related DNA Sequences
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Virginia Bennett
STREET: PO Box 37428
CITY: Raleigh
STATE: No. 5849995ch Carolina
COUNTRY: US
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,273B
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Virginia C.
REGISTRATION NUMBER: 37,092
REFERENCE/DOCKET NUMBER: 3477-85A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-854-1400
TELEFAX: 919-854-1401
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-457-273B-11

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3186 TGGGAAGTCATCAGCAG 3203
Db 1 TGGCAAGACATCAGCAG 18

RESULT 2257
US-08-117-952-232/c
; Sequence 232, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-117-952-232

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1765 CCAAGATGATCAGCCTCT 1782
Db 20 CCAAGATGATCAGCCTCT 3

RESULT 2258
US-08-117-952-487
; Sequence 487, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA

COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 487:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-117-952-487

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 400 GGCACCAAGAGGAGCAG 417
Db 1 GGCACCAAGAGGAGGAG 18

RESULT 2259
US-08-117-952-627/c
; Sequence 627, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192

REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 627:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-627

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2851 GTGAGACTTCCAAAGC 2868
Db 20 GTGAATCTTCCAAATC 3

RESULT 2260
US-08-117-952-730
Sequence 730, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSER: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 730:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-730

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2482 ACCAGAAAGCAGAGGA 2499
Db 2 ACCAGACTGTCCAGGA 19

RESULT 2261
US-08-578-551-21/c
Sequence 21, Application US/08578551
Patent No. 5854050
GENERAL INFORMATION:
APPLICANT: Dalboge, Henrik
APPLICANT: Christgau, Stephan
APPLICANT: Andersen, Lene N.
APPLICANT: Kofoed, Lene V.
APPLICANT: Kauppinen, Sakari M.
APPLICANT: Nielsen, Jack B.
APPLICANT: Dammann, Claus
TITLE OF INVENTION: An Enzyme with Protease Activity
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 58540500 No. 58540500 of No. 58540500h America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,551
FILING DATE: 01-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK 0811/93
FILING DATE: 06-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/02044
FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4006.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Aspergillus aculeatus
US-08-578-551-21

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 841 ACGACCTGTGAGGAGACA 858
Db 20 ACGACCATGTGAGGAGA 3

RESULT 2262

US-08-470-426B-25
Sequence 25, Application US/08470426B
Patent No. 5856458
GENERAL INFORMATION:
APPLICANT: Okamoto, Hiroaki
TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS, AND THEIR
TITLE OF INVENTION: APPLICATION FOR HIGH-FIDELITY DETECTION OF NON-A, NON-B
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Beveridge, Degrandi, Wellacher & Young,
ADDRESS: L.L.P.
STREET: 1850 M Street, N.W., Suite 800
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,426B
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2-153402
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Wellacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/59-47083.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEFAX: (202) 659-1462
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-470-426B-25

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2813 TGAAGAGCAAGTAGGG 2830
DB 2 TGATGTAGCAAGTAGGG 19

RESULT 2263
US-08-173-489C-41
Sequence 41, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: WordPerfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: dystrophin gene (Accession # M19533,
M17154, M18026) nucleotides 11042 to 11061
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: X-chromosome
MAP POSITION: Xp21.3-p21.1
PUBLICATION INFORMATION:
AUTHORS: Koenig, M., Hoffman, E P., Bertelson, C J.,
AUTHORS: Monaco, A P., Feener, C., Kunkel, L M.
TITLE: Complete cloning of the
TITLE: Duchenne muscular dystrophy (DMD) cDNA and
TITLE: preliminary genomic organization of the DMD
JOURNAL: Cell
VOLUME: 50
PAGES: 509-517
DATE: 1987
AUTHORS: Hoffman, E P., Monaco, A P., Feener, C C,
AUTHORS: Kunkel, L M.
TITLE: Conservation of the Duchenne
TITLE: muscular dystrophy gene in mice and humans
JOURNAL: Science
VOLUME: 238
PAGES: 347-350
DATE: 1987
AUTHORS: Koenig, M., Monaco, A P., Kunkel, L M.
TITLE: The complete sequence of
TITLE: dystrophin predicts a rod-shaped cytoskeletal
JOURNAL: Cell
VOLUME: 53
PAGES: 219-228
DATE: 1988
RELEVANT RESIDUES IN SEQ ID NO: 41: FROM 1 TO 20

US-08-173-489C-41

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 CTCCTTCTCTCTCTCT 291
DB 3 CTCCTCTTACTCTCTCT 20

RESULT 2264

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..20
US-08-613-417A-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGCCCAAGAGGTT 938
Db 19 TCGGAGGCCCAAGCGGGT 2

RESULT 2267
US-08-910-629A-32
Sequence 32, Application US/08910629A
Patent No. 5877309
GENERAL INFORMATION:
APPLICANT: Robert A. McKay
APPLICANT: Nicholas M. Dean
APPLICANT: Brett Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-910-629A-32

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4509 CAGATGACTTCGAGAGC 4526
Db 1 CAGGATGACTTCGGGCGC 18

RESULT 2268
US-08-478-178A-8
Sequence 8, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5882927 is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3209 TCCGTGAGTGGCTCCAG 3226
Db 3 TCGGTGAGTGGCTCGAG 20

RESULT 2269
US-08-488-177-8
Sequence 8, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970 is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1195
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-488-177-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3209 TCCGTGACGTGCTCCAG 3226
Db 3 TCGGTGACGTGCTCCAG 20

RESULT 2270
US-08-481-072A-8
Sequence 8, Application US/08481072A
Patent No. 5916807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5916807is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-072A-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3209 TCCGTGACGTGCTCCAG 3226
Db 3 TCGGTGACGTGCTCCAG 20

RESULT 2271
US-08-664-336-8
Sequence 8, Application US/08664336
Patent No. 5922686
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSER: Mackiewicz & No. 5922686is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-664-336-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3209 TCCGTGACGTGCTCCAG 3226
Db 3 TCGGTGACGTGCTCCAG 20


```
RESULT 2272
US-08-529-878B-11
; Sequence 11, Application US/08529878B
; Patent No. 5932556
; GENERAL INFORMATION:
; APPLICANT: Tam, Robert C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: REGULATION OF CD28 EXPRESSION
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Crockett & Fish
; STREET: 3000 S. Augusta Court
; CITY: La Habra
; STATE: California
; COUNTRY: United States of America
; ZIP: 90631
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,878B
; FILING DATE: 13-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Fish, Robert D. 33,880
; REGISTRATION NUMBER: 213/003
; REFERENCE/DOCKET NUMBER: 213/003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-525-3433
; TELEFAX: 714-525-3303
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-529-878B-11

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2682 GTTGAGAGCCAGAGCAG 2699
Db      2 GTTGAGAGCCAGAGCAG 19

RESULT 2273
US-08-256-426B-81
; Sequence 81, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611r1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; COMPUTER READABLE FORM:
```

```
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TTU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: YES
US-08-256-426B-81

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1291 TGGTGTCAGCTCAGCC 1308
Db      3 TGGTGATACGCTCAGCC 20

RESULT 2274
US-08-256-426B-179
; Sequence 179, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611r1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 179:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: YES
US-08-256-426B-179

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4061 CAGACTGCCATGCAGTG 4078
DB 2 CAGGTGAGCATTCAGTG 19

RESULT 2275
US-08-481-066A-8
Sequence 8, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096-1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-066A-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3209 TCGGTGAGTGGCTCAG 3226
DB 3 TCGGTGAGTGGCTGAG 20

RESULT 2276
US-08-786-527A-3/C
Sequence 3, Application US/08786527A
Patent No. 5969210
GENERAL INFORMATION:
APPLICANT: Sharma and Montminy
TITLE OF INVENTION: No. 5969210el Methods for the Characterization of Compounds wh
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: MCGREGOR & ADLER, P.C.
STREET: 8011 Candle Lane
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,527A
FILING DATE: January 21, 1997
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Adler, Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5848
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
TELEFAX: 713-777-6908
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20bp
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
US-08-786-527A-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 143 GGACTTCAGTGCAGCTG 160
DB 19 GGACTTCATCTGCTACTG 2

RESULT 2277
US-08-888-982A-32
Sequence 32, Application US/0888982A
Patent No. 5981731
GENERAL INFORMATION:
APPLICANT: Brett P. Monia

TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of rat Gene Expression
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,982A
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: NO.598171member 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0212
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-2400
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-888-982A-32

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No.1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 101 CAACTCTCTGAGCTCTC 118
Db 2 CTACTCTCTGAGCTCTC 19

RESULT 2278
US-08-334-545-4/c
Sequence 4, Application US/08334545
Patent No. 5985609
GENERAL INFORMATION:
APPLICANT: MIN, M.-Kyung
APPLICANT: PARK, Joon-Seag
APPLICANT: KIM, Jung-Seob
APPLICANT: YUN, Yung-Dae
APPLICANT: MOON, Hong-Mo
TITLE OF INVENTION: No. 5985609el Process for Preparing Hepatitis C
TITLE OF INVENTION: Virus Envelope Glycoproteins
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: US
ZIP: 10022

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,545
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, S. Peter
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 0136/OA505
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-527-7700
TELEFAX: 212-753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
ORIGINAL SOURCE:
ORGANISM: Hepatitis C virus
IMMEDIATE SOURCE:
CLONE: SEQ.ID.NO.4
US-08-334-545-4

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No.1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1730 CATGGCAGCTGGAGCAT 1747
Db 19 CAAGCGAGCTGGAGCAT 2

RESULT 2279
US-08-501-968-38
Sequence 38, Application US/08501968
Patent No. 5985662
GENERAL INFORMATION:
APPLICANT: Kevin Anderson and Lex Cowsett
TITLE OF INVENTION: Antisense Inhibition of Hepatitis B
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,968
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA: none
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0128
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 38:

TITLE OF INVENTION: DIAGNOSE FAMILIAL DYSAUTONOMIA
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,655
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/049,678
FILING DATE: 16-APRIL-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/890,719
FILING DATE: 29-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: KENNETH H. SONNENFELD
REGISTRATION NUMBER: 33,285
REFERENCE/DOCKET NUMBER: 1829-4001US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-451-8513
TELEFAX: 212-751-6649
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
FEATURE:
NAME/KEY: PRIMER SEQUENCE OF HXB LOCUS
LOCATION: CHROMOSOME 9
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS: OZELIUS, L.; SCHUBACK, DE;
AUTHORS: STEFANSSON, K.; SLAUGENHAUPT, S;
AUTHORS: GUSELIL, J.F.; BRAKEFIELD, X.O
TITLE: DINUCLEOTIDE REPEAT POLYMORPHISM FOR
TITLE: THE HEXARACHION GENE (HXB) ON CHROMOSOME
TITLE: 9q32-34
JOURNAL: HUMAN MOLECULAR GENETICS
VOLUME: 1
ISSUE: 2
PAGES: 141
DATE: 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-08-480-655-2

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1645 AAAAGAGAGAGGCTTCT 1662
Db 18 AAAAGACAGAGAGGCTCT 1

RESULT 2283

US-09-289-368-12/c
Sequence 12, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESS
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-12

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 418 GCGCGCAGGTGCGATG 435
Db 18 GCGCGCAGGTGCGATG 1

RESULT 2284
US-09-289-368-30
Sequence 30, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESS
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-30

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 266 CCCCCTCTCTCTTCT 283
Db 2 CCCCCTCTCTCTTCT 19

RESULT 2285
US-09-289-368-74
Sequence 74, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESS
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-74

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1877 GAGTGAAGAGTGGCT 1894
DB 1 GAGGAGAGGACAGTGGCT 18

RESULT 2286
US-09-190-982-21/C
Sequence 21, Application US/09190982
Patent No. 5998190
GENERAL INFORMATION:
APPLICANT: Dalboge, Henrik
APPLICANT: Christgau, Stephan
APPLICANT: Andersen, Lene N.
APPLICANT: Kotofed, Lene V.
APPLICANT: Kauppinen, Sakari M.
APPLICANT: Nielsen, Jack B.
APPLICANT: Dammann, Claus
TITLE OF INVENTION: An Enzyme with Protease Activity
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 59981900 No. 5998190disk of No. 5998190th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/190,982
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/578,551
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/02044
FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4006.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEetical: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Aspergillus aculeatus
US-09-190-982-21

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 ACGACCTGAGAGACA 858
DB 20 ACGACCATGATGAGAGA 3

RESULT 2287
US-08-904-901-133/C
Sequence 133, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: KOHN & ASSOCIATES
STREET: 30500 No. 5998383thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/904,901
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227.00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 133:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-133

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4373 AAGAAAGACTGCACCG 4390
DB 19 ACGAAAGAAAGACGACG 2

RESULT 2288
US-08-904-901-139/C
Sequence 139, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: KOHN & ASSOCIATES
STREET: 30500 No. 5998383thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US

ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/904,901
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227,00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 139:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-139

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3892 AATCACCAGCAGACCC 3909

Db 19 AGACCAACGACGACACC 2

RESULT 2289
US-08-594-452-15/c
Sequence 15, Application US/08594452
Patent No. 6013639
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirvan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,452
FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-594-452-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGCCAGAGGTT 938

Db 19 TGGAGGCGCAGCGCGGT 2

RESULT 2290
US-08-589-939-30/c
Sequence 30, Application US/08589939
Patent No. 6015662
GENERAL INFORMATION:
APPLICANT: Hackett, Jr., John R.
APPLICANT: Hoff, Jane A.
APPLICANT: Oestrow, David H.
APPLICANT: Golden, Alan M.
TITLE OF INVENTION: REAGENTS FOR USE AS CALIBRATORS AND
NUMBER OF SEQUENCES: 70
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/589,939
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5865,US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-935-1729
TELEFAX: 847-938-2623
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-589-939-30

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1192 TCCCATCCCTGGAGTCTC 1209

Db 19 TCCCATGTTGAGTCTC 2

RESULT 2291
US-08-650-766-8/c
Sequence 8, Application US/08650766D
Patent No. 6015690

GENERAL INFORMATION:
APPLICANT: PILETZ, John E.
APPLICANT: IVANOV, Tina R.
TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND
TITLE OF INVENTION: METHOD FOR CLONING THE SAME
FILE REFERENCE: Corrected Sequence Listing
Patent No. 6015690
CURRENT APPLICATION NUMBER: US/08/650,766D
CURRENT FILING DATE: 1996-05-20
EARLIER APPLICATION NUMBER: US 60/012,600
EARLIER FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-08-650-766-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2908 AGCACATCCTCATCAGCA 2925
DB 20 AGCACATCCGCATCCTCA 3

RESULT 2292
US-08-578-615A-8
Sequence 8, Application US/08578615A
Patent No. 6015892
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ria LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes

US-08-578-615A-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3209 TCCGTGCACTGGCTCCAG 3226
DB 3 TCGAGTCAGTGGCTGAG 20

RESULT 2293
US-08-742-185-59
Sequence 59, Application US/08742185
Patent No. 6020476
GENERAL INFORMATION:
APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
APPLICANT: Saxena, Richa
APPLICANT: Hawkins, Trevor
APPLICANT: Reeve, Mary Pat
TITLE OF INVENTION: D42: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Millitia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: US
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,185
FILING DATE: 30-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/690,734
FILING DATE: 31-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-07A2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-742-185-59

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4799 TGAAGACAGCAGAAATC 4816
DB 2 TGAAGTCGACAGAAATC 19

RESULT 2294
US-08-757-024-808/C
Sequence 808, Application US/08757024
Patent No. 6025339


```

; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 808:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-808

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1701 CAGCCGAGCCCGCAGTG 1718
Db      20 CAGCCTGTGCCCGCCATG 3

RESULT 2295
US-08-757-024-821/c
; Sequence 821, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 833:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-833

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1701 CAGCCGAGCCCGCAGTG 1718
Db      18 CAGCCTGTGCCCGCCATG 1
```

```

; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 821:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-821

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1701 CAGCCGAGCCCGCAGTG 1718
Db      19 CAGCCTGTGCCCGCCATG 2

RESULT 2296
US-08-757-024-833/c
; Sequence 833, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 833:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-833

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1701 CAGCCGAGCCCGCAGTG 1718
Db      18 CAGCCTGTGCCCGCCATG 1
```

```
RESULT 2297
US-08-556-965-4
; Sequence 4, Application US/08556965
; Patent No. 6025540
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Production of EC-SOD
; NUMBER OF SEQUENCES: 31
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/556,965
; FILING DATE:
; CLASSIFICATION: 800
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-556-965-4

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4458 CTCATGATGTCACAGTG 4475
Db      3 CTGAGATGAGCCACAGTG 20

RESULT 2298
US-08-578-686C-14/c
; Sequence 14, Application US/08578686C
; Patent No. 6028182
; GENERAL INFORMATION:
; APPLICANT: Unimann, Eugen
; TITLE OF INVENTION: Methylphosphonic Acid Ester. Process For
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pinnegan, Henderson, Farabow, Garrett &
; ADDRESSER: Dunner, L.L.P.
; STREET: 1300 I. Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,686C
; FILING DATE: January 2, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Lori Ann
; REGISTRATION NUMBER: 34,498
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-578-686C-14

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      921 TGTGAGCCACAGAGTT 938
Db      19 TGGAGGCCACAGCGGCT 2

RESULT 2299
US-08-922-635-7/c
; Sequence 7, Application US/08922635A.
; Patent No. 6033871
; GENERAL INFORMATION:
; APPLICANT: PILETZ, John E.
; APPLICANT: IVANOV, Tina R.
; TITLE OF INVENTION: DNA MOLECULES ENCODING IMIDALINE RECEPTIVE POLYPEPTIDES
; FILE REFERENCE: Corrected Sequence Listing
; Patent No. 6033871
; CURRENT APPLICATION NUMBER: US/08/922,635A
; CURRENT FILING DATE: 1997-09-03
; EARLIER APPLICATION NUMBER: 08/650,766
; EARLIER FILING DATE: 1996-05-20
; EARLIER APPLICATION NUMBER: 60/012,600
; EARLIER FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-922-635-7

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2908 AGCACATCTCATCAGCA 2925
Db      20 AGCACATCCGATCCTCA 3

RESULT 2300
US-09-357-071-27/c
; Sequence 27, Application US/09357071
; Patent No. 6043091
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE EXPRESSION
; FILE REFERENCE: RTS-0074
; CURRENT APPLICATION NUMBER: US/09/357,071
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-071-27

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2647 CTTCCAGTTTGTCTCCA 2664
```

Db 18 CTTCCAGTTTGCTCCA 1

RESULT 2301
US-09-357-070-38/c
; Sequence 38, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: R1S-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-38

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1186 GGACCTCCCTCCCTCG 1203
Db 18 GGCTCTCCCGCCCTCG 1

RESULT 2302
US-09-120-853-15
; Sequence 15, Application US/09120853
; Patent No. 6057437
; GENERAL INFORMATION:
; APPLICANT: Kamiya, Kinya
; APPLICANT: Matsuda, Yoko
; APPLICANT: Uchida, Kiyoshi
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
; FILE REFERENCE: 07898/030001
; CURRENT APPLICATION NUMBER: US/09/120,853
; CURRENT FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: JP 213838/1997
; EARLIER FILING DATE: 1997-07-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificial
; OTHER INFORMATION: nucleic acid sequence
US-09-120-853-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1589 GGTGGAACAAGAGAGA 1606
Db 1 GGAGAGAGAAGAGAAGA 18

RESULT 2303
US-08-707-743-3
; Sequence 3, Application US/08707743
; Patent No. 6063983
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia
; TITLE OF INVENTION: Monoclonal Lymphocytes and Methods of Use

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD

STREET: 60 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/707,743

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/003,225

FILING DATE: 05-SEPT-1995

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis

REGISTRATION NUMBER: 35,965

REFERENCE/DOCKET NUMBER: MGP-036CP

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-707-743-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 462 TGTGGGTCTGGGGGTGC 479
Db 3 TGTGGGACTGGGGGGC 20

RESULT 2304
US-08-707-743-14
; Sequence 14, Application US/08707743
; Patent No. 6063983
; GENERAL INFORMATION:
; APPLICANT: Georgopoulos, Katia
; TITLE OF INVENTION: Monoclonal Lymphocytes and Methods of Use
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/707,743
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/003,225
; FILING DATE: 05-SEPT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Myers, Louis
; REGISTRATION NUMBER: 35,965

```

; REFERENCE/DOCKET NUMBER: MGP-036CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-707-743-14

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      462 TGTGGCTCTGGGGGTC 479
DB      3 TGTGGGACTGGGGGCGC 20

RESULT 2305
US-09-094-405-17/c
; Sequence 17, Application US/09094405
; Patent No. 6066720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Modified oligonucleotides, their preparation
; TITLE OF INVENTION: and use
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,405
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/940,196
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..20
; OTHER INFORMATION: /note= "p-120"
US-09-094-405-17

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      921 TGTGAGCCCAAGAGCTT 938
DB      19 TGGAGGCGCAAGCGGCT 2

RESULT 2306
US-08-777-266A-34/c
; Sequence 34, Application US/0877266A
; Patent No. 6077833
```

```

; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: IBM PS/2
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,266A
; FILING DATE: December 31, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-777-266A-34

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2248 CGACCTCTTGTTG 2265
DB      18 CTCACCTCTCTGTTGG 1

RESULT 2307
US-08-777-266A-67/c
; Sequence 67, Application US/0877266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: IBM PS/2
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Liscata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0201
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-777-266A-67

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1087 CCCGAGCTCGAATTG 1104
DB 19 CCCAGATCGTGAATCG 2

RESULT 2308
US-09-166-186-14/C
Sequence 14, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1310 ACTGACAGCCTGTTTC 1327
DB 19 AGTGACAGCCTGTAGCC 2

RESULT 2309
US-09-166-186-136/C
Sequence 136, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322

CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 136
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-136

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4707 TCAGTGACACAGCTGCT 4724
DB 19 TCAGAAACACAGATGCT 2

RESULT 2310
US-09-166-186-227/C
Sequence 227, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-227

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCCTCGACGCTCCAG 121
DB 18 CTCCTCGAGTTTCCG 1

RESULT 2311
US-08-368-704C-89
Sequence 89, Application US/08368704C
Patent No. 6087160
GENERAL INFORMATION:
APPLICANT: Yuan, Junying
APPLICANT: Miura, Masayuki
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/368,704C
FILING DATE: 4-JAN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/258,287
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850
FILING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bugalsky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609.3920002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-368-704C-89

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2916 CTCATCAGCATCAAGTCC 2933

DB 3 CTCATCTTCATCACTCC 20

RESULT 2312
US-09-009-913-259/C
Sequence 259, Application US/09009913
Patent No. 6087485
GENERAL INFORMATION:
APPLICANT: AXY'S Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 259:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-913-259

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4967 AGAAGCTTGTGCTGT 4984

DB 19 AGATGAGTTGTCTGT 2

RESULT 2313
US-09-009-913-298/C
Sequence 298, Application US/09009913
Patent No. 6087485
GENERAL INFORMATION:
APPLICANT: AXY'S Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 298:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-913-298

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2907 CAGCAGCTCCTCAGC 2924

DB 19 CAGCCCTCCTCAGCAGC 2

RESULT 2314
US-08-781-891-92
Sequence 92, Application US/08781891
Patent No. 6090620
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
APPLICANT: Yu, Chang-Hu

```

; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6090620tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-781-891-92

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4049 AGGGCCTCTAGCAGCAGAC 4066
DB      1 AGGGCCTCCACGCGATGAC 18

RESULT 2315
US-09-344-914-48/c
; Sequence 48, Application US/09344914
; Patent No. 6110664
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; FILE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
; TITLE REFERENCE: RTS-0068
; CURRENT APPLICATION NUMBER: US/09/344,914
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-344-914-48

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2320 AAAAATCAAGCAGCAGC 2337
DB      18 AATTAATMAAAACGACGAC 1
```

```

; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6090620tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
;
US-08-781-891-92

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2324 AATCAAGCAGCAGCAGTA 2341
DB      20 AATTAACAGCAGCAGCA 3

RESULT 2317
US-09-032-365A-33
; Sequence 33, Application US/09032365A
; Patent No. 6114502
; GENERAL INFORMATION:
; APPLICANT: No. 6114502th, Michael
; APPLICANT: Nishina, Patsy
; APPLICANT: Naggart, Jeremy
; APPLICANT: Naggart, Jeremy
; APPLICANT: No. 6114502en-Trauth, Konrad
; TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
; TITLE OF INVENTION: NEUROSENSORY DEFECTS
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Avenue, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/032,365A
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-2C1P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
;
US-09-344-914-54/c
; Sequence 54, Application US/09344914
; Patent No. 6110664
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; FILE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
; TITLE REFERENCE: RTS-0068
; CURRENT APPLICATION NUMBER: US/09/344,914
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-344-914-54

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2324 AATCAAGCAGCAGCAGTA 2341
DB      20 AATTAACAGCAGCAGCA 3
```

TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-032-365A-33

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2839 TGGTGAAGTTGGTGAGA 2856
| | | | | | | | | | | | | | | | | | | | | |
Db 2 TGGTGAAGTCTGCTGCA 19

RESULT 2318
US-09-249-730-133/c
Sequence 133, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 133
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-133

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4373 AAGAAAGAACTGCAGCG 4390
| | | | | | | | | | | | | | | | | | | | | |
Db 19 AGAAAGAAAGAAAGCAGCG 2

RESULT 2319
US-09-249-730-139/c
Sequence 139, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 139
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-139

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3892 AATCAACGACGACCC 3909
| | | | | | | | | | | | | | | | | | | | | |
Db 19 AGAGCAACGACGACCC 2

RESULT 2320
US-09-249-730-185/c

Sequence 185, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 185
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-185

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4373 AAGAAAGAACTGCAGCG 4390
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AGAAAGAAAGAAAGCAGCG 3

RESULT 2321
US-09-249-730-204/c
Sequence 204, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 204
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-204

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2780 GGAGAGTTTGTCAAG 2797
| | | | | | | | | | | | | | | | | | | | | |
Db 19 GCAGAGTCTTGTCAAG 2

RESULT 2322
US-09-258-408-15/c
Sequence 15, Application US/09258408
Patent No. 6121434
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,408
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/594,452
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-258-408-15

Query Match. 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 921 TGTGAGGCCAAGGAGTT 938

Db 19 TGGAGGCCAAGGCGGCT 2

RESULT 2323
US-09-418-641-20
Sequence 20, Application US/09418641A
Patent No. 6124133
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-418-641-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4248 TGAAGCTTAGACCAAGT 4265

Db 3 TGAATCTTGACACCAAGT 20

RESULT 2324
US-09-418-641-62
Sequence 62, Application US/09418641A
Patent No. 6124133
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION

FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-418-641-62

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4903 GGTGGGCGCCATCACC 4920

Db 3 GGTGGGCTTCACACCA 20

RESULT 2325
US-09-054-830-3/c
Sequence 3, Application US/09054830
Patent No. 6127121
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018

US-09-054-830-3

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/054,830
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20005.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141

US-09-054-830-3

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-054-830-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3310 CCCCTGACGAGCACC 3327

Db 18 CCCCTGACGAGCACC 1

```
RESULT 2326
US-09-196-132-15/C
; Sequence 15, Application US/09196132
; Patent No. 6127346
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Phosphonomoester nucleic acids,
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/174,437A
; NUMBER OF SEQUENCES: 33
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/196,132
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/613,417
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..20
US-09-196-132-15

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGCCCAAGAGGT 938
DB 19 TGGAGGCCCAAGCGGT 2

RESULT 2327
US-09-358-384-23/C
; Sequence 23, Application US/09358384
; Patent No. 6130088
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRESS
; FILE REFERENCE: RTS-0083
; CURRENT APPLICATION NUMBER: US/09/358,384
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-384-23

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2932 CCTGTGAGCGAGCAAT 2949
DB 20 CCTGAGCAGCGAAGACT 3
```

```
RESULT 2328
US-09-174-437-44/C
; Sequence 44, Application US/09174437A
; Patent No. 6133007
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/174,437A
; NUMBER OF SEQ ID NOS: 48
; EARLIER FILING DATE: 1997-10-16
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-174-437-44

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 GCAGCAGATGAAGACAA 1690
DB 19 GCTGAGCAGGAACAA 2

RESULT 2329
US-09-392-350-37/C
; Sequence 37, Application US/09392350
; Patent No. 6133032
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 BETA EXPRESSION
; FILE REFERENCE: RTS-0075
; CURRENT APPLICATION NUMBER: US/09/392,350
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-392-350-37

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 82 GCTCTTCAGAGTGCC 99
DB 18 GCTGCTTCAGATTGCC 1

RESULT 2330
US-09-287-796-32
; Sequence 32, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FOR THE MODULATION OF JNK PROTEINS
```

FILE REFERENCE: ISPH-0350
CURRENT APPLICATION NUMBER: US/09/287,796A
CURRENT FILING DATE: 1999-04-07
EARLIER APPLICATION NUMBER: 09/130,616
EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-287-796-32

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4509 CAGGATGACCTCGAGAGC 4526
Db 1 CAGGATGACTTCGGGCGC 18

RESULT 2331

US-08-523-894-46/C
Sequence 46, Application US/08523894
Patent No. 6136310

GENERAL INFORMATION:
APPLICANT: Hanna, Nabil
APPLICANT: Newman, Roland A.
APPLICANT: Reff, Mitchell E.
TITLE OF INVENTION: Recombinant Anti-CD4 Antibodies for Human
TITLE OF INVENTION: Therapy
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314-3187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/523,894

FILING DATE: 06-SEP-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: Teekin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-165

TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021

INFORMATION FOR SEQ ID NO: 46:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

ANTI-SENSE: NO

POSITION IN GENOME:

CHROMOSOME/SEGMENT: VH3 heavy chain variable region

US-08-523-894-46

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3241 TCACCCCACTCATCG 3258
Db 18 TCAGCCCAACTCCATGG 1

RESULT 2332

US-09-280-799-117/C
Sequence 117, Application US/09280799
Patent No. 6136603

GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.

APPLICANT: Kariya, James G

APPLICANT: McKay, Robert

TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL

TITLE OF INVENTION: TRANSDUCTION

FILE REFERENCE: ISPH-0340

CURRENT APPLICATION NUMBER: US/09/280,799

CURRENT FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 208

SOFTWARE: Patent in Ver. 2.0

SEQ ID NO 117

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-280-799-117

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 565 TGCTTCCAGACAGCA 582
Db 19 TGAGTTCACAGACAGCA 2

RESULT 2333

US-09-280-799-142/C
Sequence 142, Application US/09280799
Patent No. 6136603

GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.

APPLICANT: Kariya, James G

APPLICANT: McKay, Robert

TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL

TITLE OF INVENTION: TRANSDUCTION

FILE REFERENCE: ISPH-0340

CURRENT APPLICATION NUMBER: US/09/280,799

CURRENT FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 208

SOFTWARE: Patent in Ver. 2.0

SEQ ID NO 142

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-280-799-142

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 CCAGACAGCAAGAGC 588
Db 20 CCAGAAAGAAAGAGAG 3

RESULT 2334

US-09-280-799-152/C

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

```
/ Sequence 152, Application US/09280799
/ Patent No. 6136603
/ GENERAL INFORMATION:
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Karas, James G
/ APPLICANT: McKay, Robert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
/ FILE REFERENCE: ISPH-0340
/ CURRENT APPLICATION NUMBER: US/09/280,799
/ CURRENT FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 208
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 152
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-280-799-152

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      571 CCAGACAGCGCAGACG 588
Db      20 CCAGAAAGCTAAGAGAG 3

RESULT 2335
US-09-428-584-19/c
/ Sequence 19, Application US/09428584
/ Patent No. 6136604
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 EXPRESSION
/ FILE REFERENCE: RTS-0114
/ CURRENT APPLICATION NUMBER: US/09/428,584
/ CURRENT FILING DATE: 1999-10-27
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 19
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-584-19

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2805 GGAGAAATGAGAGAGA 2822
Db      20 GAAGAAAAAGAGAGAGA 3

RESULT 2336
US-09-428-584-73/c
/ Sequence 73, Application US/09428584
/ Patent No. 6136604
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 EXPRESSION
/ FILE REFERENCE: RTS-0114
/ CURRENT APPLICATION NUMBER: US/09/428,584
/ CURRENT FILING DATE: 1999-10-27
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 73
/ LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-584-73

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5152 CAACATGACGAATTAAT 5169
Db      18 CATGATACGAGATTAAT 1

RESULT 2337
US-09-418-640-25
/ Sequence 25, Application US/09418640
/ Patent No. 6140125
/ GENERAL INFORMATION:
/ APPLICANT: Jennifer K. Taylor
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
/ FILE REFERENCE: RTS-0102
/ CURRENT APPLICATION NUMBER: US/09/418,640
/ CURRENT FILING DATE: 1999-10-15
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 25
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-25

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      387 TGGCAGCAGCGAGGCCA 404
Db      1 TGTGACCGCGCAGGCCA 18

RESULT 2338
US-09-418-640-40
/ Sequence 40, Application US/09418640
/ Patent No. 6140125
/ GENERAL INFORMATION:
/ APPLICANT: Jennifer K. Taylor
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
/ FILE REFERENCE: RTS-0102
/ CURRENT APPLICATION NUMBER: US/09/418,640
/ CURRENT FILING DATE: 1999-10-15
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-40

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1650 AGAGAGCTTCTGCCAG 1667
Db      1 AGAGAGCTGCTGACAG 18
```

RESULT 2339
US-09-429-323-54/c
; Sequence 54, Application US/09429323A
; Patent No. 6140126
; Patent No. 6140126 6140123
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RRS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-54

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4984 TGCTCCGAAAGCCGTGC 5001
DB 18 TGCTCCGAAAGCCAGGC 1

RESULT 2340
US-08-834-497A-63
; Sequence 63, Application US/08834497A
; Patent No. 6140305
; GENERAL INFORMATION:
; APPLICANT: Thomas, Winston J.
; APPLICANT: Drayna, Dennis T.
; APPLICANT: Feder, John N.
; APPLICANT: Gnirke, Andreas
; APPLICANT: Ruddy, David
; APPLICANT: Tsuchinashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/834,497A
; FILING DATE: 04-APR-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/652,265
; FILING DATE: 23-MAY-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/632,673
; FILING DATE: 16-APR-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,912
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0056-999
TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod base= OTHER
; OTHER INFORMATION: /note= "N = 5'-biotinylated guanine
; OTHER INFORMATION: (bio-G)"
US-08-834-497A-63

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4763 AGAGCAGGATCTACTGTG 4780
DB 3 AGAGCAGAGATATATACGTG 20

RESULT 2341
US-09-135-021-47
; Sequence 47, Application US/09135021A
; Patent No. 6150104
; GENERAL INFORMATION:
; APPLICANT: Splawski, Igor
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: A HOMOLOGOUS MUTATION IN KVLQ1 WHICH CAUSES JERVELL
; FILE REFERENCE: 2323-128
; CURRENT APPLICATION NUMBER: US/09/135,021A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/874,655
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-021-47

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3359 CTCCTCCGCTGGGCGCCTG 3376
DB 1 CTCCTCCGCTGGGCGCCTG 18

RESULT 2342
US-09-144-112-14/c
; Sequence 14, Application US/09144112
; Patent No. 6150510
; GENERAL INFORMATION:
; APPLICANT: SEELA, Frank
; APPLICANT: THOMAS, Horst
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR

```
FILE REFERENCE: 026083/0181
CURRENT APPLICATION NUMBER: US/09/144,112
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: DE P 44 38 918.3
PRIOR FILING DATE: 1994-11-04
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Antisense
US-09-144-112-14

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGGCCAAGGAGTT 938
DB 19 TGGAGGCCAAGCGGCT 2

RESULT 2343
US-09-288-461-13
Sequence 13, Application US/09288461
Patent No. 6159694
GENERAL INFORMATION:
APPLICANT: Karraa, James G.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STARS
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/288,461
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-288-461-13

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3126 GATGAATCCAGTGGGCCA 3143
DB 1 GCTGATTCATTGGGCCA 18

RESULT 2344
US-09-288-461-14
Sequence 14, Application US/09288461
Patent No. 6159694
GENERAL INFORMATION:
APPLICANT: Karraa, James G.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STARS
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/288,461
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Synthetic Sequence
US-09-288-461-14

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3126 GATGAATCCAGTGGGCCA 3143
DB 3 GCTGATTCATTGGGCCA 20

RESULT 2345
US-09-087-194-21
Sequence 21, Application US/09087194
Patent No. 6159718
GENERAL INFORMATION:
APPLICANT: Dalboege, Henrik
APPLICANT: Andersen, Lene N.
APPLICANT: Kofod, Lene V.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Christgau, Stephan
APPLICANT: Heidt-Hansen, Hans P.
TITLE OF INVENTION: An Enzyme With Polygalacturonase
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 61597180 No. 6159718disk of No. 6159718th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/087,194
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/448,624
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Landitis, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3921,204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-087-194-21

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2751 TTCTACCTGAGTTCCAC 2768
DB 3 TTCTACCTGACTTCAC 20

RESULT 2346
US-09-484-345-68
```

```
/ Sequence 68, Application US/09484345
/ Patent No. 6159734
/ GENERAL INFORMATION:
/ APPLICANT: Robert McKay
/ APPLICANT: Alexander H. Borchers
/ APPLICANT: Brenda F. Baker
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR
/ FILE REFERENCE: RTS-0104
/ CURRENT APPLICATION NUMBER: US/09/484,345
/ CURRENT FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 90
/ SEQ ID NO 68
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-68

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5101 CTTGGTATTAGAGAGAT 5118
Db 2 CTGGGTCAATAGAGAGAT 19

RESULT 2347
US-09-433-699-11/c
/ Sequence 11, Application US/09433699B
/ Patent No. 6165786
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
/ FILE REFERENCE: RTS-0109
/ CURRENT APPLICATION NUMBER: US/09/433,699B
/ CURRENT FILING DATE: 1999-11-03
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 11
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-11

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 390 CAGCAGCCGAGCCACCA 407
Db 18 CAGCAGCCGCGCGCCCA 1

RESULT 2348
US-09-428-696-56/c
/ Sequence 56, Application US/09428696
/ Patent No. 6165789
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
/ FILE REFERENCE: RTS-0111
/ CURRENT APPLICATION NUMBER: US/09/428,696
/ CURRENT FILING DATE: 1999-10-27
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 56
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-56

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1417 TGAAGCAGCTCTGG 1434
Db 19 TGAAGCAGAGCTCTGG 2

RESULT 2349
US-09-435-296-48
/ Sequence 48, Application US/09435296
/ Patent No. 6171860
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
/ FILE REFERENCE: RTS-0116
/ CURRENT APPLICATION NUMBER: US/09/435,296
/ CURRENT FILING DATE: 1999-11-05
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-48

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3171 GACCCCATGAGCAGTGG 3188
Db 3 GTCCCGTGAAGCACTGG 20

RESULT 2350
US-09-435-296-84
/ Sequence 84, Application US/09435296
/ Patent No. 6171860
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
/ FILE REFERENCE: RTS-0116
/ CURRENT APPLICATION NUMBER: US/09/435,296
/ CURRENT FILING DATE: 1999-11-05
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-84

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2048 CATTGAACACACTGGG 2065
Db 3 CAATGAACACACTGGG 20

RESULT 2351
US-09-490-692-29/c
```

```
/ Sequence 29, Application US/09490692
/ Patent No. 6180353
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
/ FILE REFERENCE: RTS-0120
/ CURRENT APPLICATION NUMBER: US/09/490,692
/ CURRENT FILING DATE: 2000-01-24
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-29

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      840 GACGACCCCTGAGAGAGAC 857
DB      18 GACGACCCCTGAGAGAGTC 1

RESULT 2352
US-09-490-692-95/C
/ Sequence 95, Application US/09490692
/ Patent No. 6180353
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
/ FILE REFERENCE: RTS-0120
/ CURRENT APPLICATION NUMBER: US/09/490,692
/ CURRENT FILING DATE: 2000-01-24
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 95
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-95

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4170 TGCCAGCTTCCTCATGCA 4187
DB      19 TGACGAGCTCCTCTGCA 2

RESULT 2353
US-09-280-805-131/C
/ Sequence 131, Application US/09280805
/ Patent No. 6184212
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
```

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/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISDH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 131:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
US-09-280-805-131

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1971 ATCCGATCGTGATGCTG 1988
DB      18 ATCCGATCTTGATGCTG 1

RESULT 2354
US-08-927-219-72
/ Sequence 72, Application US/08927219
/ Patent No. 6187533
/ GENERAL INFORMATION:
/ APPLICANT: Bell, Graeme I.
/ APPLICANT: Yamagata, Kazuya
/ APPLICANT: Oda, Naohisa
/ APPLICANT: Katsaki, Pamela J.
/ APPLICANT: Furuta, Hiroto
/ APPLICANT: Horikawa, Yukio
/ TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
/ TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
/ TITLE OF INVENTION: AND HNF-4ALPHA
/ NUMBER OF SEQUENCES: 147
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/927,219
/ FILING DATE: Concurrently Herewith
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/029,679
/ FILING DATE: 30-OCT-1996
/ PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-927-219-72

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4619 CTCCTGTGTGTACACAG 4636
DB      1 CTCCTGTGTGTACACAG 18

RESULT 2355
US-09-488-671-96
; Sequence 96, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-488-671-96

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4415 TAATAATAATATTATTA 4432
DB      2 TAAGCACAAATATTATTA 19

RESULT 2356
US-09-488-671-114/c
; Sequence 114, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
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; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-488-671-114

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3571 TGTATGGCTCCCTGAGTT 3588
DB      20 TGCATGAGGCCCTGAGTT 3

RESULT 2357
US-09-517-584A-33
; Sequence 33, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-517-584A-33

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      500 GCCCAGCCGCCATGCT 517
DB      1 GCCCAGCCGCCATGCT 18

RESULT 2358
US-09-408-257-21/c
; Sequence 21, Application US/09408257
; Patent No. 6190905
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kotof, Lene V.
; APPLICANT: Kauppinen, Sakari M.
; APPLICANT: Nielsen, Jack B.
; APPLICANT: Dammann, Claus
; TITLE OF INVENTION: An Enzyme with Protease Activity
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 61909050 No. 6190905disk of No. 6190905th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/408,257
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/578,551
FILING DATE: 01-FEB-1996
APPLICATION NUMBER: DK 0811/93
FILING DATE: 06-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/02044
FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4006.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Aspergillus aculeatus
US-09-408-257-21

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 ACGACCTGAGAGACA 858
Db 20 ACGACCATGATGAGAGA 3

RESULT 2359
US-09-101-886B-15/C
Sequence 15, Application US/09101886B
Patent No. 6197507
GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
APPLICANT: TOLLERSRUD, OLE K
APPLICANT: NILSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: BARBARA G. ERNST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-MOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G

REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-101-886B-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3924 CCGCGCGCGCGCGTCCA 3941
Db 19 CTGCAGCGCGCGCGCCA 2

RESULT 2360
US-09-234-434-2
Sequence 2, Application US/09234434
Patent No. 6197532
GENERAL INFORMATION:
APPLICANT: Rao, Prakash N. et al.
TITLE OF INVENTION: Diagnosis and Detection of Breast Cancer and Other
FILE REFERENCE: Rao 9706M.1
CURRENT APPLICATION NUMBER: US/09/234,434
CURRENT FILING DATE: 1999-01-20
PRIOR APPLICATION NUMBER: 60/122,048
PRIOR FILING DATE: 1998-01-22
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCT primer
US-09-234-434-2

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4022 CAAGCAGCGCGGAGA 4039
Db 1 CAAGCAGCAGCAGAGA 18

RESULT 2361
US-09-226-012-33
Sequence 33, Application US/09226012
Patent No. 6207383
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: SPlawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-226-012-33

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 912 GCCAGCTCTGTGAGGCC 929
DB 1 GCCAGCACCGGTGAGGCC 18

RESULT 2362
US-09-226-012-84/c
Sequence 84, Application US/09226012
Patent No. 6207383
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-226-012-84

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3190 AAGTCACTAGCAGGCCCC 3207
DB 18 AATCACTATCAGGCCCC 1

RESULT 2363
US-09-277-020-10/c
Sequence 10, Application US/09277020
Patent No. 6210892
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-277-020-10

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 CCAGACAGCGCAGAGCG 588
DB 20 CCAGAAAGGAAAGGAG 3

RESULT 2364
US-09-277-020-16/c
Sequence 16, Application US/09277020
Patent No. 6210892
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-277-020-16

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 CCAGACAGCGCAGAGCG 588
DB 20 CCAGAAAGGCTAGAGAG 3

RESULT 2365
US-09-277-020-27/c
Sequence 27, Application US/09277020
Patent No. 6210892
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-277-020-27

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 CCAGACAGCGCAGAGCG 588
DB 20 CCAGAAAGGAGAGAG 3

RESULT 2366
US-08-974-302-11/c
Sequence 11, Application US/08974302

```

: Patent No.6214598
: GENERAL INFORMATION:
: APPLICANT: Dalboege, Henrik
: APPLICANT: Andersen, Lene N
: APPLICANT: Koefed, Lene V
: APPLICANT: Kauppinen, Markus S
: APPLICANT: Christgau, Stephan
: TITLE OF INVENTION: AN ENZYME WITH ENDOGLUCANASE ACTIVITY
: NUMBER OF SEQUENCES: 19
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: No. 6214598o No. 6214598disk of No. 6214598th America, Inc.
: STREET: 405 Lexington Avenue, 64th Floor
: CITY: New York
: STATE: New York
: COUNTRY: United States of America
: ZIP: 10174-6401
: COMPUTER READABLE FORM:
: MEDIUM TYPE: floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentln Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/974,302
: FILING DATE: 19-No. 6214598ember-1997
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Gregg, Valecia A.
: REGISTRATION NUMBER: 35,127
: REFERENCE/DOCKET NUMBER: 3950.214-US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-867-0123
: TELEFAX: 212-878-9655
: INFORMATION FOR SEQ ID NO: 11:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 20 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-974-302-11

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No.1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY 1874 CCTGAGTAGAAGAGGTG 1891
||| ||| ||| ||| ||| |||
Db 19 CCTGGAGAGAAGCAGCTG 2

RESULT 2367
US-09-103-875-114
: Sequence 114, Application US/09103875A
: Patent No. 6221849
: GENERAL INFORMATION:
: APPLICANT: Szyf, Moshe
: APPLICANT: Bigey, Pascal
: APPLICANT: Ramchandani, Shyam
: TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
: TITLE OF INVENTION: OLIGONUCLEOTIDES
: FILE REFERENCE: 106101.194
: CURRENT APPLICATION NUMBER: US/09/103,875A
: CURRENT FILING DATE: 1998-06-24
: EARLIER APPLICATION NUMBER: 60/069,865
: EARLIER FILING DATE: 1997-12-17
: EARLIER APPLICATION NUMBER: 08/866,340
: EARLIER FILING DATE: 1997-05-30
: NUMBER OF SEQ ID NOS: 138
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 114
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:

```

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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-103-875-114

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3817 AAGGAGCCCAAGACCC 3834
      ||| ||||| ||| |||
DB      3 AGGCGAAGCCCAAGTCCC 20

RESULT 2368
US-09-103-875-115
; Sequence 115, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; EARLIER FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-103-875-115

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4910 AGCCATCACCAGCCACAG 4927
      ||| ||||| ||| |||
DB      1 AGCCATGACCAAGCTTCAG 18

RESULT 2369
US-09-103-875-116/c
; Sequence 116, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szyf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; EARLIER FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide
US-09-103-875-116

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4910 AGCCATACCAAGCCACAG 4927
DB 20 AGCCATGACCAAGCTTACG 3

RESULT 2370
US-09-130-616-32
Sequence 32, Application US/09130616C
Patent No. 6221850
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monla, Brett
APPLICANT: Neto, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0318
CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-130-616-32

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4509 CAGATGACTCTCGAGAC 4526
DB 1 CAGATGACTCTCGGCGC 18

RESULT 2371
US-09-313-932-14/C
Sequence 14, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1310 ACTGACAGGCTGTGTC 1327
DB 19 AGTGACAGCGCTGTAGCC 2

RESULT 2372
US-09-313-932-136/C
Sequence 136, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 136
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-136

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4707 TCAGTGACACAGCTGCT 4724
DB 19 TCAGAACACACAGATGCT 2

RESULT 2373
US-09-313-932-227/C
Sequence 227, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-227

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCTGAGCTCTCCAG 121
DB 18 CTCTCCAGATGTTCCAG 1

RESULT 2374

US-09-313-932-259/c
; Sequence 259, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 259
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-259

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 182 GACCAAGTGGCAGAGG 199
DB 19 GACCAAGTGGCAGAGG 2

RESULT 2375
US-09-313-932-339
; Sequence 339, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 339
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-339

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3584 GAGTTCCTCCCTAAGCC 3601
DB 1 GGGTTCGACCCCTAAGCC 18

RESULT 2376
US-09-352-654A-44
; Sequence 44, Application US/09352654A
; Patent No. 6242227
; GENERAL INFORMATION:
; APPLICANT: Mills, James R.
; APPLICANT: Saucy, Gabriel G.
; APPLICANT: Maurina-Brunker, Julie
; APPLICANT: McMullin, Thomas W.
; APPLICANT: Hyatt, John A.

; TITLE OF INVENTION: METHOD OF VITAMIN PRODUCTION
; FILE REFERENCE: 3161-17
; CURRENT APPLICATION NUMBER: US/09/352,654A
; CURRENT FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: 60/091,868
; PRIOR FILING DATE: 1998-07-06
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)-(20)
; OTHER INFORMATION: PRIMER
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-352-654A-44

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3633 ATCCGCGGAGAGAACCC 3650
DB 2 ATCCGCGGAGAGAACCC 19

RESULT 2377
US-08-706-344C-6
; Sequence 6, Application US/08706344C
; Patent No. 6248555
; GENERAL INFORMATION:
; APPLICANT: TANZI, RUDOLPH
; APPLICANT: MASCO, WILLIAM
; TITLE OF INVENTION: Genetic Alterations Related To Familial
; TITLE OF INVENTION: Alzheimer's Disease
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/706,344C
; FILING DATE: 30-AUG-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/003,054
; FILING DATE: 31-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: KIM, JUDITH U.
; REGISTRATION NUMBER: 40,679
; REFERENCE/DOCKET NUMBER: 0609,4180001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-706-344C-6

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.6e+03;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4463 GATGTGCCAAGTCTGTG 4480
 |||||
 Db 1 GATGAGACAAGTCCGTG 18

RESULT 2378
 US-09-467-082-11/c
 ; Sequence 11, Application US/09467082
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
 ; FILE REFERENCE: RFS-0088
 ; CURRENT APPLICATION NUMBER: US/09/467,082
 ; CURRENT FILING DATE: 1999-12-17
 ; NUMBER OF SEQ ID NOS: 49
 ; SEQ ID NO 11
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-467-082-11

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.6e+03;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4508 GCAGCCATCACCACCCAC 4925
 |||||
 Db 18 GCAGCCAGACCCCGCCG 1

RESULT 2379
 US-09-467-082-12/c
 ; Sequence 12, Application US/09467082
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
 ; FILE REFERENCE: RFS-0088
 ; CURRENT APPLICATION NUMBER: US/09/467,082
 ; CURRENT FILING DATE: 1999-12-17
 ; NUMBER OF SEQ ID NOS: 49
 ; SEQ ID NO 12
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-467-082-12

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.6e+03;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3916 CCCGCGCGCGCGCGCG 3933
 |||||
 Db 20 CCCGCGCGCGCGCGCG 3

RESULT 2380
 US-09-021-701-439
 ; Sequence 439, Application US/09021701
 ; Patent No. 6251588
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Karen W.
 ; APPLICANT: Wolber, Paul K.
 ; APPLICANT: Delenstarr, Glenda C.

APPLICANT: Webb, Peter G.
 APPLICANT: Kincaid, Robert H.
 TITLE OF INVENTION: Methods for evaluating oligonucleotide
 ; NUMBER OF SEQUENCES: 1165
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
 STREET: 3000 Hanover Street
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/021,701
 FILING DATE: 10-FEB-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Choi, Wendy A.
 REGISTRATION NUMBER: 36,697
 REFERENCE/DOCKET NUMBER: 10971464-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-236-2386
 TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 439:

SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 US-09-021-701-439

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.6e+03;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1192 TCCATCCCTGGAGTCTC 1209
 |||||
 Db 3 TCTATCCTCGTGTCTC 20

RESULT 2381
 US-09-021-701-440
 ; Sequence 440, Application US/09021701
 ; Patent No. 6251588
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Karen W.
 ; APPLICANT: Wolber, Paul K.
 ; APPLICANT: Delenstarr, Glenda C.
 ; APPLICANT: Webb, Peter G.
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide
 ; NUMBER OF SEQUENCES: 1165
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
 STREET: 3000 Hanover Street
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 440:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-440

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1192 TCCCATCCCTGGAGTCTC 1209
DB 2 TCTAATCCCTGGTGTCTC 19

RESULT 2382
US-09-021-701-441
Sequence 441, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 441:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-441

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1192 TCCCATCCCTGGAGTCTC 1209
DB 1 TCTAATCCCTGGTGTCTC 18

RESULT 2383
US-09-021-701-732/c
Sequence 732, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 732:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-732

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2810 AATGAGAGAGAGTGA 2827
DB 20 AATGAGAGAGAGAGGA 3

RESULT 2384
US-09-021-701-733/c
Sequence 733, Application US/09021701

Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-236-2386
INFORMATION FOR SEQ ID NO: 733:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-733
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 2810 AATGGAAGAGGAGTGA 2827
Db 19 AATGGAAGAGGAGGGA 2
RESULT 2385
US-09-021-701-734/C
Sequence 734, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-236-2386
INFORMATION FOR SEQ ID NO: 734:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-734
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy 2810 AATGGAAGAGGAGTGA 2827
Db 18 AATGGAAGAGGAGGA 1
RESULT 2386
US-09-021-701-1038
Sequence 1038, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-852-8063
TELEFAX: 650-236-2386
INFORMATION FOR SEQ ID NO: 1038:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1038

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TCCATCTCCCGGCATAC 632
DB 3 TCCATCTCTCTGGCMAAC 20

RESULT 2387
US-09-021-701-1039
Sequence 1039, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1039:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-1039

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TCCATCTCCCGGCATAC 632
DB 2 TCCATCTCTCTGGCMAAC 19

RESULT 2388
US-09-180-437-37
Sequence 37, Application US/09180437
Patent No. 6251873
GENERAL INFORMATION:
APPLICANT: FUKUSAKO, Shoji
APPLICANT: MORISAWA, Yoshitumi
APPLICANT: KUSUYAMA, Takeshi
TITLE OF INVENTION: Antisense Compounds to CD14
FILE REFERENCE: 1110-209P
CURRENT APPLICATION NUMBER: US/09/180,437
CURRENT FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/JP98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN
EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ ID NOS: 289
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: other nucleic
US-09-180-437-37

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2329 AGCAGCAGCATACGACG 2346
DB 1 AGCAGCAGCATACGACG 18

RESULT 2389
US-09-488-857B-35/c
Sequence 35, Application US/09488857B
Patent No. 6251110
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF ARA70 EXPRESSION
FILE REFERENCE: RTS-0117
CURRENT APPLICATION NUMBER: US/09/488,857B
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-857B-35

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 999 TTGTTCCAGCAGCTGCAA 1016
DB 20 TTCTTCCAGAGCCTGCAA 3

RESULT 2390
US-08-840-767-33
Sequence 33, Application US/08840767B
Patent No. 6255464
GENERAL INFORMATION:
APPLICANT: Vogelstein, Bert

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; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Rigging, Gregory J.
; TITLE OF INVENTION: MAD-Related Genes in the Human
; FILE REFERENCE: 01107.05548
; CURRENT APPLICATION NUMBER: US/08/840,767B
; CURRENT FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: 60/015,823
; EARLIER FILING DATE: 1996-04-18
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-840-767-33

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3591 TTCCCTAAGCCTGCTCCC 3608
Db      3      TTCCCAAGCCTGCTCCC 20

RESULT 2391
US-09-487-445-35
; Sequence 35, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-35

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2694 GGACAGATTGAGTTCTC 2711
Db      1      GGACAGATTGCTTCTC 18

RESULT 2392
US-09-487-445-137/c
; Sequence 137, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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US-09-487-445-137
Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1675 AGCAGATGAAGACACAGC 1692
Db      18      ACCAATGAAGACACAC 1

RESULT 2393
US-09-657-481A-17/c
; Sequence 17, Application US/09657481A
; Patent No. 6258601
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WWP1 AND W
; FILE REFERENCE: RTS-0087
; CURRENT APPLICATION NUMBER: US/09/657,481A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-17

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2912 CATCTCATCAGCATCAA 2929
Db      19      CATCTCATTTGCACCA 2

RESULT 2394
US-09-657-481A-69/c
; Sequence 69, Application US/09657481A
; Patent No. 6258601
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WWP1 AND W
; FILE REFERENCE: RTS-0087
; CURRENT APPLICATION NUMBER: US/09/657,481A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-69

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4026 CACCGCGGAGAGGAGG 4043
Db      20      CACCGGCTGAAGAGAGG 3

RESULT 2395
US-09-377-309-63/c
```

```
; Sequence 63, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0330
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-63

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1365 GGTCCTGAGTCTCCGAC 1382
Db      18 GGCCCTGGCCTCCGAC 1

RESULT 2396
US-09-487-368A-176/c
; Sequence 176, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-176

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3907 CCGCGCCACCCGACGC 3924
Db      19 CCGCGCCACCCAAACG 2

RESULT 2397
US-08-943-731-650
; Sequence 650, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORRKO, JARMO
```

```
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSER: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 650:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-943-731-650

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1142 ACTGACGACGCTGCTG 1159
Db      3 ACTGACGACGACGCTCTG 20

RESULT 2398
US-09-489-869-32/c
; Sequence 32, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-32
```

Query Match	0.3%	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%	Pred. No. 1.6e+03;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	749 GGACCAAGCTCATCGAGTT	766
Db	19 GGACCAGCTCATGGCCTT	2

```

RESULT 2339
US-09-428-583-27/c
: Sequence 27, Application US/09428583
: Patent No. 6271029
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Lex M. Cowsett
: TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-2 EXPRESSION
: FILE REFERENCE: RTS-0096
: CURRENT APPLICATION NUMBER: US/09/428,583
: CURRENT FILING DATE: 1999-10-27
: NUMBER OF SEQ ID NOS: 89
: SEQ ID NO 27
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-27

```

Query Match	0.3%	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%	Pred. No. 1.6e+03;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      4074 CAGTGAAGCCCTCAGTGA 409
          |||||
Db      18 CAGTGAAGCCATGAGCGA 1

```

```

RESULT 2400--39/c
US-09-428-583-39/c
; Sequence 39, Application US/09428583
; Patent No. 6271029
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOKESIN-2 EXPRESSION
; FILE REFERENCE: RTS-0096
; CURRENT APPLICATION NUMBER: US/09/428,583
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-428-583-39

```

Query Match	0.3%	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%	Pred. No. 1.6e+03;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      4173 CCAGCTTCCTATGCAAG 419
          |||||
Db      19  CCGCTTCCTGTACAGG 2

```

RESULT 2401
US-09-428-583-61
; Sequence 61, Application US/09428583
; Patent No. 6271029
; GENERAL INFORMATION:

```

1  APPLICANT: C. Frank Bennett
2  APPLICANT: Lex M. Cowsett
3  TITLE: OF INVENTION: ANTISENSE MODULATION OF CYTOSOLIN-2 EXPRESSION
4  FILE REFERENCE: RTS-0096
5  CURRENT APPLICATION NUMBER: US/09/428,583
6  CURRENT FILING DATE: 1999-10-27
7  NUMBER OF SEQ ID NOS: 89
8  SEQ ID NO 61
9  LENGTH: 20
10 TYPE: DNA
11 ORGANISM: Artificial Sequence
12 FEATURE:
13 OTHER INFORMATION: Antisense Oligonucleotide
14 US-09-428-583-61

```

Query Match	0.3%;	Score 13.2;	DB 1;	length 20;
Best Local Similarity	83.3%;	Pred. No. 1.6e+03;		
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	2681	TGTTGACAGCCCAAGGACA	2698
Db	3	TGATGACGGCGAAGGACA	20

```

RESULT 2402
US-09-135-020-49
Sequence 49, Application US/09135020
Patent No. 6274332
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
TITLE OF INVENTION: MUTATIONS IN THE KONE1 GENE ENCODING HUMAN MINK WHICH
TITLE OF INVENTION: CAUSE ARRRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
FILE REFERENCE: 2323-131
CURRENT APPLICATION NUMBER: US/09/135,020
EARLIER FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-135-020-49

```

Query Match	0.3%	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%	Pred. No. 1.6e+03;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY	3359	CTCCCGCTGGGGCCCTG	3376
Db	1	CTCTCCCTGGGGCCCTG	18

RESULT 2403
 US-09-135-020-77
 ; Sequence 77, Application US/09135020
 ; Patent No. 627432
 ; GENERAL INFORMATION:
 ; APPLICANT: Keating, Mark T.
 ; APPLICANT: Sanguinetti, Michael C.
 ; APPLICANT: Splawski, Igor
 ; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
 ; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING

;; TITLE OF INVENTION: KCNE1 AS AN LGT GENE
;; FILE REFERENCE: 2323-131
;; CURRENT APPLICATION NUMBER: US/09/135,020
;; CURRENT FILING DATE: 1998-08-17
;; EARLIER APPLICATION NUMBER: 08/921,068
;; EARLIER FILING DATE: 1997-08-29
;; EARLIER APPLICATION NUMBER: 08/739,383
;; EARLIER FILING DATE: 1996-10-29
;; EARLIER APPLICATION NUMBER: 60/019,014
;; EARLIER FILING DATE: 1995-12-22
;; EARLIER APPLICATION NUMBER: 60/094,477
;; EARLIER FILING DATE: 1998-07-29
;; NUMBER OF SEQ ID NOS: 114
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 77
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; US-09-135-020-77

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3359 CTCCTCCCTGGGCGCTG 3376
DB 1 CTCCTCCCTGGGCGCTG 18

RESULT 2404
US-08-450-962-7/c
; Sequence 7, Application US/08450962
; Patent No. 6274706
; GENERAL INFORMATION:
; APPLICANT: EMORINE, Laurent; MARULIO, Stefano;
; APPLICANT: STROSBURG, Donny
; TITLE OF INVENTION: INTRON/EXON OF THE HUMAN AND
; TITLE OF INVENTION: GENES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KECK, MAHIN & CATE
; STREET: P.O. BOX 06110
; CITY: CHICAGO
; STATE: ILLINOIS
; COUNTRY: U.S.A.
; ZIP: 60606-0110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3-1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,962
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION NUMBER: 08/117,829
; FILING DATE: 08-SEPT-1993
; APPLICATION NUMBER: 07/721,571
; FILING DATE: 25-MAY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR89/00918
; FILING DATE: 25-JAN-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Fleit, Martin; Gollin, Michael A.
; REGISTRATION NUMBER: 16,900; 31,957
; REFERENCE/DOCKET NUMBER: 47078-042
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 789-3400
; TELEFAX: (202) 789-1158
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-450-962-7

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 TCTGTGAGGCCAAGAG 935
DB 19 TCTGTGAGGCCAAGAG 2

RESULT 2405
US-09-317-350-5/c
; Sequence 5, Application US/09317350
; Patent No. 6277607
; GENERAL INFORMATION:
; APPLICANT: Tyagi, Sanjay
; APPLICANT: Kramer, Fred R.
; APPLICANT: Varticovski, Robert
; TITLE OF INVENTION: HIGH SPECIFICITY PRIMERS, AMPLIFICATION
; TITLE OF INVENTION: METHODS AND KITS
; FILE REFERENCE: 07763-036001
; CURRENT APPLICATION NUMBER: US/09/317,350
; CURRENT FILING DATE: 1999-05-24
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
; US-09-317-350-5

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4017 CACGGCAGCACCGGCG 4034
DB 20 CACGGCAGCACCGGCG 3

RESULT 2406
US-09-662-249A-32
; Sequence 32, Application US/09662249A
; Patent No. 6277636
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MADH6 EXPRESSION
; FILE REFERENCE: RTS-0181
; CURRENT APPLICATION NUMBER: US/09/662,249A
; CURRENT FILING DATE: 2000-09-13
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-662-249A-32

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2384 GGAGCAGAGGTCTTCT 2401
DB 1 GGCTCAGAGGACTTCT 18

```
RESULT 2407
US-09-135-010A-49
; Sequence 49, Application US/09135010A
; Patent No. 6277978
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Comors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVL0T1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/135,010A
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-010A-49

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3359 CTCCTCCCTGGGGCCCTG 3376
Db 1 CTCCTCCCTGGGGCCCTG 18

RESULT 2408
US-09-135-010A-77
; Sequence 77, Application US/09135010A
; Patent No. 6277978
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Comors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVL0T1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/135,010A
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-09-135-010A-77

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3359 CTCCTCCCTGGGGCCCTG 3376
Db 1 CTCCTCCCTGGGGCCCTG 18

RESULT 2409
US-09-109-663-75/c
; Sequence 75, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-301
; CURRENT APPLICATION NUMBER: US/09/109,663
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: 60/051,705
; PRIOR FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
US-09-109-663-75

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGTGAGCCCAAGAGGTT 938
Db 19 TGGGAGGCCAAGCGGGT 2

RESULT 2410
US-09-194-478-9
; Sequence 9, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masamori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; PRIOR FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-9

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 536 CAACATCACCCTGCCA 553
Db 2 CAACACCAGCTCTCCAA 19

RESULT 2411
US-09-194-478-10
; Sequence 10, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; PRIOR FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-10

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CAACATCACCCTGCCA 553
Db 2 CAACACCAGCTCTCCAA 19

RESULT 2412
US-09-194-478-11
; Sequence 11, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-11

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CAACATCACCCTGCCA 553
Db 2 CAACACCAGCTCTCCAA 19

RESULT 2413
US-09-194-478-12

; Sequence 12, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-12

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 CAACATCACCCTGCCA 553
Db 2 CAACACCAGCTCTCCAA 19

RESULT 2414
US-09-224-505-7/c
; Sequence 7, Application US/09224505
; Patent No. 6284333
; GENERAL INFORMATION:
; APPLICANT: Daksis, Jasmine I
; APPLICANT: Eriksen, Glen H
; TITLE OF INVENTION: FLUORESCENT INTENSITY ASSAY FOR PROTEIN OR PEPTIDE
; TITLE OF INVENTION: BINDING TO NUCLEIC ACIDS
; FILE REFERENCE: E1047/20013
; CURRENT APPLICATION NUMBER: US/09/224,505
; CURRENT FILING DATE: 1998-12-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-224-505-7

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3646 AACCCCGCCCTGCCGG 3663
Db 18 AAGCCCGCCCGCCGG 1

RESULT 2415
US-09-224-505-8
; Sequence 8, Application US/09224505
; Patent No. 6284333
; GENERAL INFORMATION:
; APPLICANT: Daksis, Jasmine I
; APPLICANT: Eriksen, Glen H
; TITLE OF INVENTION: FLUORESCENT INTENSITY ASSAY FOR PROTEIN OR PEPTIDE
; TITLE OF INVENTION: BINDING TO NUCLEIC ACIDS
; FILE REFERENCE: E1047/20013
; CURRENT APPLICATION NUMBER: US/09/224,505
; CURRENT FILING DATE: 1998-12-31
; NUMBER OF SEQ ID NOS: 22


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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-224-505-8

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3646 AACCCCGCCCTGCGCCG 3663
Db      3 AAGCCCGCCCGCCGCGC 20

RESULT 2416
US-09-225-749-8
; Sequence 8, Application US/09225749
; Patent No. 6300320
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: McKay, Robert, A.
; TITLE OF INVENTION: Modulation of c-jun using inhibitors of protein kinase C
; FILE REFERENCE: ISI9313
; CURRENT APPLICATION NUMBER: US/09/225,749
; CURRENT FILING DATE: 1999-01-05
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-225-749-8

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3209 TCCGTGCGTGGCTCCAG 3226
Db      3 TCGGTGCGTGGCTCGAG 20

RESULT 2417
US-09-484-617-98/c
; Sequence 98, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-98

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3480 TCAGGCCAGTGCCTG 3497
Db      19 TCAGGCCAGTGCCTG 2
```

```
RESULT 2418
US-09-484-617-160/c
; Sequence 160, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-160

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4918 CCAGCCAGCTTAAGCCA 4935
Db      19 CCAGCCAGCTGACGCTA 2

RESULT 2419
US-09-721-822A-74/c
; Sequence 74, Application US/09721822A
; Patent No. 6306606
; GENERAL INFORMATION:
; APPLICANT: Michael J. Weber
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
; FILE REFERENCE: RTS-0142
; CURRENT APPLICATION NUMBER: US/09/721,822A
; CURRENT FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-721-822A-74

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4421 TAATATTAAATTAATAA 4438
Db      18 TATTGTAATTAATAATAA 1

RESULT 2420
US-09-593-589-22
; Sequence 22, Application US/09593589
; Patent No. 6306655
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
; FILE REFERENCE: RTS-0119
; CURRENT APPLICATION NUMBER: US/09/593,589
; CURRENT FILING DATE: 2000-06-13
```

NUMBER OF SEQ ID NOS: 94
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-589-22

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4744 TTCGGCATGGCTAGGCT 4761
DB 2 TCCCGCATGGCAGGCT 19

RESULT 2421
US-09-054-832-15/c
Sequence 15, Application US/09054832
Patent No. 6312894

GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA

ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/054,832
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20004.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-054-832-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3310 CCCCTGACGACGACCA 3327
DB 18 CCCCTGACGACGATCA 1

RESULT 2422

US-09-488-856A-30/c
Sequence 30, Application US/09488856A
Patent No. 6316259

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP
FILE REFERENCE: RTS-0115
CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-30

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4823 TATTCGACGTGAGAGA 4840
DB 19 TCTACTCCAGTGGCGAGA 2

RESULT 2423
US-08-367-841A-18/c
Sequence 18, Application US/08367841A
Patent No. 6319687

GENERAL INFORMATION:
APPLICANT: Chader, Gerald J.; Rodriguez,
APPLICANT: Ignacio R.; Mazuruk, Krzysztof;
APPLICANT: Tombrun-Tink, Joyce
TITLE OF INVENTION: PIGMENT EPITHELIUM
TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan & Finnegan
STREET: 345 Park Avenue
CITY: New York
STATE: New York
COUNTRY: USA

ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,841A
FILING DATE: 30-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/257,963
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:

```

;
; LENGTH: 20 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Oligonucleotide
; FEATURE:
;   NAME/KEY: 2744
;   LOCATION:
;   IDENTIFICATION METHOD:
;   OTHER INFORMATION: primer in a polymerase
;   OTHER INFORMATION: chain reaction
; US-08-367-841A-18

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2829 GGGGAGCTGTGTGTGAAG 2846
Db 19 GGGGCGCTGTGTGAGAG 2

RESULT 2424
US-09-326-186B-34/C
; Sequence 34, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-326-186B-34

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2248 CGCACCCTCTCTGTTTG 2265
Db 18 CTCACCTCTCTCGTTG 1

RESULT 2425
US-09-326-186B-141/C
; Sequence 141, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 141
; LENGTH: 20
```

```

;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-326-186B-141

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2248 CGCACCCTCTCTGTTTG 2265
Db 18 CTCACCTCTCTCGTTG 1

RESULT 2426
US-09-326-186B-193
; Sequence 193, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-326-186B-193

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3033 GAGTTGACAGGCCACTTC 3050
Db 2 GAGTTGAGAGCCGCTTC 19

RESULT 2427
US-09-270-542-154
; Sequence 154, Application US/09270542
; Patent No. 6322976
; GENERAL INFORMATION:
; APPLICANT: Altman, Timothy
; APPLICANT: Scott, James
; APPLICANT: Stanton, Lawrence
; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
; FILE REFERENCE: 4198/78179
; CURRENT APPLICATION NUMBER: US/09/270,542
; PRIOR FILING DATE: 1999-03-17
; EARLIER APPLICATION NUMBER: 09/221,222
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; US-09-270-542-154

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

	Matches	15;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	4649	AGGACTGAGAGTCTGG	4666							
Db	2	AGGAAGTGGAGAGTCAGG	19							

```

RESULT 2428
US-09-444-871-49
; Sequence 49, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN mink WHICH
; TITLE OF INVENTION: CAUSE ARRYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
; CURRENT FILING DATE: 1999-11-22
; EARLIER APPLICATION NUMBER: US 09/135,020
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-49

```

Query Match	0.3%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Pred. No. 1.6e+03		
Matches 15	conservative	0	Mismatches 3	Indels 0
QY	3359	CTCCCGCTGGGGCCCTG	3376	
Db	1	CTCTTCCTGGGGCCCTG	18	

RESULT 2429
US-09-444-871-77
Sequence. 77, Application US/09444871
Patent No. 6323026
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanginetti, Michael C.
TITLE OF INVENTION: MOTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
TITLE OF INVENTION: CAUSE ARRYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OF INVENTION: KCNE1 AS AN LQT GENE
FILE REFERENCE: 2323-131
CURRENT APPLICATION NUMBER: US/09/444, 871
CURRENT FILING DATE: 1999-11-22
EARLIER APPLICATION NUMBER: US 09/135, 020
EARLIER FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/921, 068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739, 383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019, 014
EARLIER FILING DATE: 1995-12-22
EARLIER APPLICATION NUMBER: 60/094, 477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114

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; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-77

```

Query Match	0.3%	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Pred. No. 1.6e+03		
Matches 15	Conservative	0	Mismatches 3	Indels 0
				Gaps 0
Q7	3359	CTCCCGCTGGGGCCCTG	3376	
Db	1	CTCTTCCCTGGGGCCCTG	18	

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US-08-895-961-15/c
US-RSUT 2430
Sequence 15, Application US/06895961
Patent No. 6326487
GENERAL INFORMATION:
APPLICANT: Peyman, Anuschirvan
APPLICANT: Uhlmann, Eugen
APPLICANT: Carolus, Carollin
TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoechst Marion Roussel, Inc.
STREET: 2110 E. Galbraith Road, P.O. Box 156300
CITY: Cincinnati
STATE: Ohio
COUNTRY: USA
ZIP: 45215-6300
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/895,981
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/462,305
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,889
REFERENCE/DOCKET NUMBER: HOB94/PL6IK US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-948-7183
TELEFAX: 513-948-7960 OR 4681
TELEX: 214320
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-895-961-15

```

Query Match	0.34	Score 13.2	DB 1	Length 20
Best Local Similarity	83.3%	Pred. No. 1.6e+03		
Matches	15	Conservative	0	Mismatches 3
				Indels 0
				Gaps 0
QY	921	TGTGAGCCCAAGAGCTT	938	
Db	19	TGGAGGCCCAAGGCGGT	2	

RESULT 2431
US-09-657-042A-39/c

```
; Sequence 39, Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRES
; FILE REFERENCE: RTS-0148
; CURRENT APPLICATION NUMBER: US/09/657,042A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-39

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3214 GCAGTGGCTCCAGCATCA 3231
Db      19 GCAGCAGCTCCAGCAGCA 2

RESULT 2432
US-09-468-872-23
; Sequence 23, Application US/09468872
; Patent No. 6331614
; GENERAL INFORMATION:
; APPLICANT: Wong, Alexander K.C.
; APPLICANT: Teng, David H.-F.
; APPLICANT: Tavligian, Sean V.
; TITLE OF INVENTION: Human CDC14A Gene
; FILE REFERENCE: CDC14A Gene
; CURRENT APPLICATION NUMBER: US/09/468,872
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: US 60/113,833
; EARLIER FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-468-872-23

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3910 CGCCGACCCCGACGCGC 3927
Db      1 CGCTGACCCCGACGCGC 18

RESULT 2433
US-09-496-694B-217
; Sequence 217, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
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; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-217

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2160 AGCGAACCACCAAACTAT 2177
Db      2 AAGCAAAACCAAAATAT 19

RESULT 2434
US-08-829-637A-8
; Sequence 8, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE AT, ALL, , k, n, AND ISOFORMS OF
; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066r1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,066
; FILING DATE: 07-JUN-1995
; APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,129
; FILING DATE: 06-JUN-1995
; APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,851
; FILING DATE: 06-JUN-1995
; APPLICATION DATA:
; APPLICATION NUMBER: US 08/468,569
; FILING DATE: 06-JUN-1995
; APPLICATION DATA:
; APPLICATION NUMBER: US 07/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,023
; FILING DATE: 05-MAY-1993
; APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,007
; FILING DATE: 16-OCT-1991
; APPLICATION DATA:
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APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: 1S1S-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3209 TCCGTGACGTGCTCCAG 3226
DB 3 TCGGTGACGTGCTGAG 20

RESULT 2435
US-09-082-649B-77
Sequence 77, Application US/09082649B
Patent No. 6339068
GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Kries, Arthur M.
APPLICANT: Schott, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-77

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3789 GGCAGGCGCGCGCGCGG 3806
DB 3789 GGCAGGCGCGCGCGCGG 3806

DB 3 GGCAGGCGCGCGCGCGG 20

RESULT 2436
US-09-082-649B-77/C
Sequence 77, Application US/09082649B
Patent No. 6339068
GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Kries, Arthur M.
APPLICANT: Schott, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-77

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3789 GGCAGGCGCGCGCGCGG 3806
DB 18 GGCAGGCGCGCGCGCGG 1

RESULT 2437
US-08-337-120A-17/C
Sequence 17, Application US/08337120A
Patent No. 6348312
GENERAL INFORMATION:
APPLICANT: Peyman, Anuschirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Mag, Mathias
APPLICANT: Kretschmar, Gerhard
APPLICANT: Helsenberg, Mathias
APPLICANT: Winkler, Irvin
TITLE OF INVENTION: Stabilized Oligonucleotides And Their
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
ADDRESSER: Dunner, L.L.P.
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/337,120A
FILING DATE: 12-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 43 38 704.7

FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Einaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481.1409-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
TELEFAX: (202)408-4400
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-337-120A-17

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 TGGAGCCCAAGAGGTT 938
Db 19 TGGAGCCCAAGAGGCGT 2

RESULT 2438
US-09-556-031-20/c
Sequence 20, Application US/09556031
Patent No. 6350868
GENERAL INFORMATION:
APPLICANT: Weston, Brent W.
APPLICANT: Hiller, Kara B.
TITLE OF INVENTION: Antisense Fucosyltransferase Sequences and Methods of
TITLE OF INVENTION: Use Thereof
FILE REFERENCE: Weston and Hiller
CURRENT APPLICATION NUMBER: US/09/556, 031
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: 60/131,068
PRIOR FILING DATE: 1999-04-26
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:antisense
OTHER INFORMATION: oligonucleotide
US-09-556-031-20

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1868 GGACCCCTGAGTGAGA 1885
Db 18 GGCGCACTGAGTGAGA 1

RESULT 2439
US-09-660-925B-25/c
Sequence 25, Application US/09660925B
Patent No. 6352858
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF BTK EXPRESSION
FILE REFERENCE: RTS-0177
CURRENT APPLICATION NUMBER: US/09/660,925B
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 25

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-660-925B-25

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1550 CATTAGTCACAGAAAT 1567
Db 19 CATTAGCCGACGAACTT 2

RESULT 2440
US-08-618-957A-26
Sequence 26, Application US/08618957A
Patent No. 6355237
GENERAL INFORMATION:
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Cioffi, Joseph
APPLICANT: Zupancic, Thomas Joel
APPLICANT: Shafer, Alan Wayne
TITLE OF INVENTION: METHODS FOR USING THE OBSE
TITLE OF INVENTION: GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of The Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,957A
FILING DATE: 20-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 008907-0033-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-618-957A-26

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4312 TGGGTCCCAAGCTGCTC 4329
Db 1 TGGATCCCAAGCTTCTC 18

```
RESULT 2441
US-09-903-915-5/c
; Sequence 5, Application US/09903915
; Patent No. 6365729
; GENERAL INFORMATION:
; APPLICANT: Tyagi, Sanjay
; APPLICANT: Kramer, Fred R.
; APPLICANT: Varticlian, Robert
; TITLE OF INVENTION: HIGH SPECIFICITY PRIMERS, AMPLIFICATION
; TITLE OF INVENTION: METHODS AND KITS
; FILE REFERENCE: 07763-036001
; CURRENT APPLICATION NUMBER: US/09/903,915
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 09/317,350
; PRIOR FILING DATE: 1999-05-24
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-09-903-915-5

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4017 CACGCGACGACCGCGCG 4034
DB      20 CCGCGACGACCGCGCGCG 3

RESULT 2442
US-09-662-250A-76/c
; Sequence 76, Application US/09662250A
; Patent No. 6368856
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION
; FILE REFERENCE: RTS-0129
; CURRENT APPLICATION NUMBER: US/09/662,250A
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-250A-76

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5003 CTCGAGCTGGCGCGCG 5020
DB      19 CACGAGCTGGCGCGCG 2

RESULT 2443
US-09-561-497-41
; Sequence 41, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
```

```
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-41

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3311 CCTGACGACGACCCAC 3328
DB      2 CCGGACGCGACCCCTC 19

RESULT 2444
US-09-732-199A-41
; Sequence 41, Application US/09732199A
; Patent No. 6379960
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0214
; CURRENT APPLICATION NUMBER: US/09/732,199A
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-41

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1912 CCCTGCAAGAAATCACCA 1929
DB      3 CCCTTAACAATACCA 20

RESULT 2445
US-09-659-791A-47
; Sequence 47, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-47

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
```


Query Match	0.3%;	Score 13.2;	DB 1;	Length 20;	
Best Local Similarity	83.3%;	Pred. No. 1.6e+03;			
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
Qy	2332	AGCAGCAGTACGACGACC	2349		
Db	1	AGCTGCAGTTCGAGAGACC	18		
RESULT 2450					
US-09-844-634-133/c					
Sequence 133;	Application US/09844634				
Patent No. 6410324					
GENERAL INFORMATION:					
APPLICANT: C. Frank Bennett					
APPLICANT: Andrew T. Watt					
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION					
FILE REFERENCE: RTS-0216					
CURRENT APPLICATION NUMBER: US/09/844,634					
CURRENT FILING DATE: 2001-04-27					
NUMBER OF SEQ ID NOS: 174					
SEQ ID NO 133					
LENGTH: 20					
TYPE: DNA					
ORGANISM: Artificial Sequence					
FEATURE:					
OTHER INFORMATION: Antisense Oligonucleotide					
US-09-844-634-133					
Query Match	0.3%;	Score 13.2;	DB 1;	Length 20;	
Best Local Similarity	83.3%;	Pred. No. 1.6e+03;			
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
Qy	1664	CCAGCTCCTGCAGCAGAT	1681		
Db	20	CCAGTTCAGCAGCAGCT	3		
RESULT 2451					
US-09-851-896-45/c					
Sequence 45;	Application US/09851896				
Patent No. 6410325					
GENERAL INFORMATION:					
APPLICANT: C. Frank Bennett					
APPLICANT: Susan M. Freiler					
APPLICANT: Andrew T. Watt					
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)					
FILE REFERENCE: RTS-0220					
CURRENT APPLICATION NUMBER: US/09/851,896					
CURRENT FILING DATE: 2001-05-08					
NUMBER OF SEQ ID NOS: 89					
SEQ ID NO 45					
LENGTH: 20					
TYPE: DNA					
ORGANISM: Artificial Sequence					
FEATURE:					
OTHER INFORMATION: Antisense Oligonucleotide					
US-09-851-896-45					
Query Match	0.3%;	Score 13.2;	DB 1;	Length 20;	
Best Local Similarity	83.3%;	Pred. No. 1.6e+03;			
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
Qy	2352	CTGTCCCGACGACGACCTG	2369		
Db	18	CGACCCAGCAGACCTG	1		
RESULT 2452					
US-09-851-896-48/c					
Sequence 48;	Application US/09851896				
GENERAL INFORMATION:					
APPLICANT: C. Frank Bennett					
APPLICANT: Susan M. Freiler					
APPLICANT: Andrew T. Watt					
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)					
FILE REFERENCE: RTS-0220					
CURRENT APPLICATION NUMBER: US/09/851,896					
CURRENT FILING DATE: 2001-05-08					
NUMBER OF SEQ ID NOS: 89					
SEQ ID NO 48					
LENGTH: 20					
TYPE: DNA					
ORGANISM: Artificial Sequence					
FEATURE:					
OTHER INFORMATION: Antisense Oligonucleotide					
US-09-851-896-48					
Query Match	0.3%;	Score 13.2;	DB 1;	Length 20;	
Best Local Similarity	83.3%;	Pred. No. 1.6e+03;			
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
Qy	1975	GCATCCTGCTGCTGCCCA	1992		
Db	20	GCATCCTGCTGCTGCCCA	3		
RESULT 2453					
US-09-851-896-59/c					
Sequence 59;	Application US/09851896				
Patent No. 6410325					
GENERAL INFORMATION:					
APPLICANT: C. Frank Bennett					
APPLICANT: Susan M. Freiler					
APPLICANT: Andrew T. Watt					
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)					
FILE REFERENCE: RTS-0220					
CURRENT APPLICATION NUMBER: US/09/851,896					
CURRENT FILING DATE: 2001-05-08					
NUMBER OF SEQ ID NOS: 89					
SEQ ID NO 59					
LENGTH: 20					
TYPE: DNA					
ORGANISM: Artificial Sequence					
FEATURE:					
OTHER INFORMATION: Antisense Oligonucleotide					
US-09-851-896-59					
Query Match	0.3%;	Score 13.2;	DB 1;	Length 20;	
Best Local Similarity	83.3%;	Pred. No. 1.6e+03;			
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
Qy	1690	AGCAGCAGCAGCAGCG	1707		
Db	19	AGCCTCAGCAGCAGCTG	2		
RESULT 2454					
US-09-506-073-121					
Sequence 121;	Application US/09506073				

```

; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-121
```

```

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      101 CAACCTCTGACGCTC 118
Db       2 CTACTCTCTGACCTC 19
```

```

RESULT 2455
US-09-348-097-44
```

```

; Sequence 44, Application US/09348097
; Patent No. 6410755
; GENERAL INFORMATION:
; APPLICANT: Millis, James R.
; APPLICANT: Saucy, Gabriel G
; APPLICANT: Maurina-Brunker, Julie
; APPLICANT: McMillin, Thomas W.
; TITLE OF INVENTION: METHOD OF VITAMIN PRODUCTION
; FILE REFERENCE: 3161-29
; CURRENT APPLICATION NUMBER: US/09/348,097
; CURRENT FILING DATE: 1999-07-06
; EARLIER APPLICATION NUMBER: 60/091,983
; EARLIER FILING DATE: 1998-07-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: PRIMER
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PRIMER
US-09-348-097-44
```

```

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      3633 ATGCCGCGAAGAACC 3650
Db       2 ATTCGCGTAAGATCCC 19
```

```

RESULT 2456
US-09-295-593-17/c
; Sequence 17, Application US/09295593
; Patent No. 6417169
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiding H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
```

```

; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/09/295,593
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 60/082,791
; EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-295-593-17
```

```

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      2824 GTGAGGGGAGCTGTGTG 2841
Db       20 GCGGCGGGAGCTGTGTG 3
```

```

RESULT 2457
US-09-597-735-49
```

```

; Sequence 49, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Comoros, Timothy D.
; APPLICANT: Burn, Timothy D.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; CURRENT FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-735-49
```

```

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      3359 CTCGCCGTGGGCGCTG 3376
Db       1 CTCCTCCCTGGGCGCCTG 18
```

```

RESULT 2458
US-09-597-735-77
; Sequence 77, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
```

```

; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQ1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; EARLIER FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-735-77
```

```

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      3359 CTCCTCCCTGGGGCCCTG 3376
DB      1 CTCCTCCCTGGGGCCCTG 18
```

```

RESULT 2459
US-09-657-452A-110/c
; Sequence 110, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-110
```

```

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      3013 CGCCTCTACCCACGATG 3030
DB      20 CCCATCTCACACGATG 3
```

```

RESULT 2460
US-09-657-452A-166
; Sequence 166, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 166
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-166
```

```

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      2903 AGACGACGATCTTCAT 2920
DB      1 AGTCGAGTCATCATCAT 18
```

```

RESULT 2461
US-09-657-452A-167
; Sequence 167, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-167
```

```

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      2903 AGACGACGATCTTCAT 2920
DB      3 AGTCGAGTCATCATCAT 20
```

```

RESULT 2462
US-09-920-663-12/c
; Sequence 12, Application US/09920663
; Patent No. 6426221
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
; FILE REFERENCE: RTS-0233
; CURRENT APPLICATION NUMBER: US/09/920,663
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-12
```

```

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 958 CCCGAGCGCCGAGACCA 975
Db 18 CTTGAGCGCCGAGACCA 1

RESULT 2463
US-09-920-663-13/c
; Sequence 13, Application US/09920663
; Patent No. 6426221
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
; FILE REFERENCE: RTS-0233
; CURRENT APPLICATION NUMBER: US/09/920,663
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 958 CCCGAGCGCCGAGACCA 975
Db 20 CTTGAGCGCCGAGACCA 3

RESULT 2464
US-09-444-295-49
; Sequence 49, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-49

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3359 CTCCTCCCTGAGGCGCTG 3376

Db 1 CTTCCCTGAGGCGCTG 18

RESULT 2465
US-09-444-295-77
; Sequence 77, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-77

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3359 CTCCTCCCTGAGGCGCTG 3376
Db 1 CTTCCCTGAGGCGCTG 18

RESULT 2466
US-09-792-594-18/c
; Sequence 18, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQ4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-18

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4046 ACCGAGGCGCTTAGGAG 4063
Db 20 ACCGTGCGCTTAGGAG 3

```
RESULT 2467
US-09-792-594-67/C
; Sequence 67, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REOGL4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-67

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2751 TTCTACCTGGAGTTCCAC 2768
DB 19 TGCTACTGGAGCTGCAC 2

RESULT 2468
US-09-661-753-11
; Sequence 11, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-11

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4147 CGGACCTCTGCTGCT 4164
DB 3 CGGTACTCTCCCTGGCT 20

RESULT 2469
US-09-661-753-18/C
; Sequence 18, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
```

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; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-18

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1381 ACCGGCCCTCCTATCC 1398
DB 19 ACCGGCCTTCTCTCTC 2

RESULT 2470
US-09-341-444A-19
; Sequence 19, Application US/09341444A
; Patent No. 6440666
; GENERAL INFORMATION:
; APPLICANT: Groenen, Martinus Antonius Mathilda
; APPLICANT: Albers, Gerardus Antonius Arnoldus
; TITLE OF INVENTION: Selection For Dwarfism in Poultry
; FILE REFERENCE: 310-1009
; CURRENT APPLICATION NUMBER: US/09/341,444A
; CURRENT FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: PCT/NL98/00021
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: EP 97200070.7
; PRIOR FILING DATE: 1997-01-10
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: OTHER INFORMATION: Oligonucleotide primer
US-09-341-444A-19

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2694 GGACAGATTGAGTTCTC 2711
DB 3 GGACACAATGAGTTCTC 20

RESULT 2471
US-09-907-843-86/C
; Sequence 86, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-86
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Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4798 TTGGAGGAGCAGGAAT 4815
Db 18 TTGGAGGAGGAAGGAATT 1

RESULT 2472

US-09-470-443-50/c
; Sequence 50, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Du, Puh-wei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-50

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2766 CACTCGAGCTGCTGGAG 2783
Db 19 CACTCGAGCTGCTGGAG 2

RESULT 2473

US-09-658-679A-51
; Sequence 51, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-51

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1665 CAGCTCTGCGAGATG 1682
Db 1 CAGCTCTGCGCCGAGCTG 18

RESULT 2474

US-09-658-679A-80/c
; Sequence 80, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-80

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1668 CTCCTGAGCAGATGAG 1685
Db 18 CTCCTGAGCAGATGAG 1

RESULT 2475

US-09-676-610B-94/c
; Sequence 94, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-94

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2186 TCTCCGATTCTGCGCTT 2203
Db 18 TCTCCGATTCTGCGACCT 1

RESULT 2476

US-09-791-211-53
; Sequence 53, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Watt
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90

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; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-53
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```
Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      2851 GTGAGACTTCCAAAGC 2868
Db      3 GTAGCCTCATCCACAGC 20
```

```
RESULT 2477
US-09-791-211-67/c
; Sequence 67, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-67
```

```
Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4471 AAGTGTGTGCTAGTGC 4488
Db      19 AAATGCTGTATATTC 2
```

```
RESULT 2478
US-09-597-732-49
; Sequence 49, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Spiawski, Igor
; TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
```

```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-49
```

```
Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3359 CTCCTCCCTGGGGCCCTG 3376
Db      1 CTCCTCCCTGGGGCCCTG 18
```

```
RESULT 2479
US-09-597-732-77
; Sequence 77, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Spiawski, Igor
; TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-77
```

```
Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3359 CTCCTCCCTGGGGCCCTG 3376
Db      1 CTCCTCCCTGGGGCCCTG 18
```

```
RESULT 2480
US-09-517-467B-73/c
; Sequence 73, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF PABP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
```


SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-73

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2407 TCGAGAGAGAAATCA 2424
Db 18 TCAAGAGAGAAATCA 1

RESULT 2481
US-09-517-467B-87/c
Sequence 87, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 87
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-87

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 433 TGGAGGGGCTCCGCTCC 450
Db 19 TGAAGAGCTCCGCTCC 2

RESULT 2482
US-09-517-467B-209
Sequence 209, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 209
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-209

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4958 CGTGCTGTAGAAGATC 4975
Db 1 CGTGCTGTAGAAGATC 18

RESULT 2483
US-08-520-373D-14/c
Sequence 14, Application US/08520373D
Patent No. 6451763
GENERAL INFORMATION:
APPLICANT: Tombran-Tink, Joyce
APPLICANT: Steele, Fintan R
APPLICANT: Chader, Gerald J
APPLICANT: Becerra, Sofia P
APPLICANT: Tomson, Lincoln V
APPLICANT: Rodriguez, Ignacio R
TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
FILE REFERENCE: 2026-4203US1
CURRENT APPLICATION NUMBER: US/08/520,373D
CURRENT FILING DATE: 1995-08-29
PRIOR APPLICATION NUMBER: 08/377,710
PRIOR FILING DATE: 1995-01-25
PRIOR APPLICATION NUMBER: 08/279,979
PRIOR FILING DATE: 1994-07-25
PRIOR APPLICATION NUMBER: 07/894,215
PRIOR FILING DATE: 1992-06-04
PRIOR APPLICATION NUMBER: 07/952,796
PRIOR FILING DATE: 1992-09-24
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: PRIMER
OTHER INFORMATION: ANTISENSE PRIMER 2744
US-08-520-373D-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2829 GGGAGCTGTGTGAAG 2846
Db 19 GGGAGCTGTGTGAAG 2

RESULT 2484
US-09-780-173A-79
Sequence 79, Application US/09780173A
Patent No. 6455307
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
FILE REFERENCE: RTS-0165
CURRENT APPLICATION NUMBER: US/09/780,173A
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-173A-79

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1981 TGGTGGTGGCCAGCCTG 1998
Db 2 TCGTGTCTGCCAACCCTG 19

RESULT 2485
US-09-920-672-86/C
; Sequence 86, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-86

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4038 GAGGGGGCCAGGGGCT 4055
Db 18 GAGAGGCCAGCAGTGCCT 1

RESULT 2486
US-09-657-453A-93
; Sequence 93, Application US/09657453A
; Patent No. 6458591
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 2 EXPRESSION
; FILE REFERENCE: RTS-0136
; CURRENT APPLICATION NUMBER: US/09/657,453A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-453A-93

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 878 ACCCGAGTGGCCCCCAG 895
Db 3 AACCGAGATGCCCCCATG 20

RESULT 2487
US-09-254-322-8
; Sequence 8, Application US/09254322
; Patent No. 6465439
; GENERAL INFORMATION:
; APPLICANT: Nicklin, Paul
; APPLICANT: Phillips, Judith
; APPLICANT: Love, William

; APPLICANT: Hamilton, Karen
; TITLE OF INVENTION: Pharmaceutical Compositions
; FILE REFERENCE: 4-21026/MA 2138/PCT
; CURRENT APPLICATION NUMBER: US/09/254,322
; CURRENT FILING DATE: 1999-03-04
; EARLIER APPLICATION NUMBER: PCT/EP97/04796
; EARLIER FILING DATE: 1997-09-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-254-322-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3209 TCCGTGCACTGGCTCCAG 3226
Db 3 TCGTGTCACTGGCTGGAG 20

RESULT 2488
US-09-706-197-30/C
; Sequence 30, Application US/09706197
; Patent No. 6475797
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: David Spector
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION
; FILE REFERENCE: RTS-0145
; CURRENT APPLICATION NUMBER: US/09/706,197
; CURRENT FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-706-197-30

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1716 ATGATCACCATCTTCATC 1733
Db 20 ATCATCATCATCTTCCTC 3

RESULT 2489
US-09-643-233-14/C
; Sequence 14, Application US/09643233
; Patent No. 6479651
; GENERAL INFORMATION:
; APPLICANT: SERLA, Frank
; APPLICANT: THOMAS, Horst
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR
; FILE REFERENCE: 026083/0181
; CURRENT APPLICATION NUMBER: US/09/643,233
; CURRENT FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/144,112
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Antisense
OTHER INFORMATION: Oligonucleotide
US-09-643-233-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

921 TGTGAGGCGAAGAGGTT 938
19 TGGAGGCGCAAGCGCGT 2

RESULT 2490
US-09-431-385-3/c
Sequence 3, Application US/09431385
Patent No. 6485906
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: PatsEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/431,385
FILING DATE: 1999-NOV-01
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/054,830
FILING DATE: 1998-APR-03
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-431-385-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

3310 CCCCTGACGACGACCA 3327
18 CCCCTGACGACGACCA 1

Db

RESULT 2491

US-09-856-539-3
Sequence 3, Application US/09856539
Patent No. 6485917
GENERAL INFORMATION:
APPLICANT: YAMAMOTO, Junko
APPLICANT: MIYAKE, Kozue
APPLICANT: MUKAI, Hiroyuki
APPLICANT: HINO, Fumitsugu
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: METHOD FOR SYNTHESIZING CDNA
FILE REFERENCES: YAMAMOTO=17
CURRENT APPLICATION NUMBER: US/09/856,539
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: JP 10-337993
PRIOR FILING DATE: 1998-11-27
PRIOR APPLICATION NUMBER: PCT JP99/06560
PRIOR FILING DATE: 1999-11-25
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Designed oligonucleotide primer designated as Primer 3 to amplify
OTHER INFORMATION: transferlin receptor mRNA.
US-09-856-539-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1277 CAATCCATCAACATGCT 1294
1 CAATCCATCATCTGTGT 18

RESULT 2492
US-09-861-159-13/c
Sequence 13, Application US/09861159
Patent No. 6485974
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN2 EXPRESSION
FILE REFERENCES: RTS-0243
CURRENT APPLICATION NUMBER: US/09/861,159
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-861-159-13

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

4931 AGCCAGCCCCCAGCAT 4948
20 AGCCAGCCACACACCAT 3

RESULT 2493
US-09-861-159-67
Sequence 67, Application US/09861159
Patent No. 6485974
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Susan M. Freiler

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN2 EXPRESSION
; FILE REFERENCE: RTS-0243
; CURRENT APPLICATION NUMBER: US/09/861,159
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-861-159-67

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1320 CTGTTCATCCATTGAA 1337
DB 3 CTGTTCCTCTCATTTGA 20
```

```

RESULT 2494
US-09-235-594-11/c
; Sequence 11, Application US/09235594
; Patent No. 6489279
; GENERAL INFORMATION:
; APPLICANT: Convents, Andre C.
; APPLICANT: Moese, Rosa Laura
; TITLE OF INVENTION: LAUNDRY AND CLEANING COMPOSITIONS
; TITLE OF INVENTION: CONTAINING XYLOGLYCANASE ENZYMES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE PROCTER & GAMBLE COMPANY
; STREET: 11810 East Miami River Road
; CITY: Ross
; STATE: OH
; COUNTRY: USA
; ZIP: 45061
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/235,594
; FILING DATE: January 22, 1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Cook, C. Brant
; REGISTRATION NUMBER: 39,151
; REFERENCE/DOCKET NUMBER: 6613
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (513) 627-0032
; TELEFAX: (513) 627-0318
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-235-594-11
```

```

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1874 CCTGAGTGAAGAGAGTG 1891
DB 19 CCTGGAGAGAGAGAGTG 2
```

```

RESULT 2495
US-09-844-521-44/c
; Sequence 44, Application US/09844521
; Patent No. 6492172
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Harris Busch
; APPLICANT: Jacqueline Wyalt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0163
; CURRENT APPLICATION NUMBER: US/09/844,521
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-521-44

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3179 GAAGCAGTGGGAAGTCAC 3196
DB 20 GAAGCAAGGGAATCAC 3
```

```

RESULT 2496
US-09-844-521-62
; Sequence 62, Application US/09844521
; Patent No. 6492172
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Harris Busch
; APPLICANT: Jacqueline Wyalt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0163
; CURRENT APPLICATION NUMBER: US/09/844,521
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-521-62
```

```

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4081 GCCCTCAGTGAAGTGCAC 4098
DB 1 GGCCACAGAGAGCTGCCA 18
```

```

RESULT 2497
US-09-629-644A-176/c
; Sequence 176, Application US/09629644A
; Patent No. 6493145
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyalt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Montia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
```

;; CURRENT APPLICATION NUMBER: US/09/629, 644A
;; CURRENT FILING DATE: 2000-07-31
;; PRIOR APPLICATION NUMBER: US 09/487,368
;; PRIOR FILING DATE: 2000-01-18
;; NUMBER OF SEQ ID NOS: 242
;; SEQ ID NO 176
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
US-09-629-644A-176

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3907 CCCCCCCCCCAGC 3924
DB 19 CCCCCCCCCCAGC 2

RESULT 2498
US-09-640-953-15/c
; Sequence 15, Application US/09640953
; Patent No. 6492346
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; CONFIGURED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/640,953
; FILING DATE: 16-Aug-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE: 03-APR-1998
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-640-953-15

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3310 CCCCAGCAGCAGCCCA 3327
DB 18 CCCCAGCAGCAGCAGC 1

RESULT 2499
US-09-658-688A-45/c
; Sequence 45, Application US/09658688A
; Patent No. 6498035
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
; FILE REFERENCE: RTS-0143
; CURRENT APPLICATION NUMBER: US/09/658,688A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-45

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GACAGGACGAGGAG 592
DB 18 GACAGGACGAGGAG 1

RESULT 2500
US-08-388-852B-14
; Sequence 14, Application US/0838852B
; Patent No. 6500919
; GENERAL INFORMATION:
; APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide.
; TITLE OF INVENTION: epitopes thereof and vaccine against melanoma.
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Adema, Gosse Jan; Figdor, Carl Gustav
; STREET: Philips van Leydenlaan 25
; CITY: Nijmegen
; STATE: Brabant
; COUNTRY: the Netherlands
; ZIP: 6525 EX
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,852B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-388-852B-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;

	Matches	15; Conservative	0; Mismatches	3; Indels	0; Gaps
Qy	2146	GTGAAAAGAACTCGGC	2163		
Db	2	GTGAGAGAGATCCAGGC	19		

```

RESULT 2501
US-09-898-361-46
; Sequence 46, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-46

```

```

RESULT 2502
US-09-898-361-135/c
: Sequence 135 Application US/09898361
: Patent No. 6503152
: GENERAL INFORMATION:
: APPLICANT: Susan Murray
: APPLICANT: Jacqueline Wyatt
: TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
: TITLE OF INVENTION: EXPRESSION
: FILE REFERENCE: RTS-0158
: CURRENT APPLICATION NUMBER: US/09/898,361
: CURRENT FILING DATE: 2001-06-21
: NUMBER OF SEQ ID NOS: 163
: SEQ ID NO 135
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-135

```

RESULT 2503
US-09-657-346A-119
; Sequence 119, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang

```

: APPLICANT: Jacqueline Myatt
:
: TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
:
: TITLE OF INVENTION: EXPRESSION
:
: FILE REFERENCE: RTS-0135
:
: CURRENT APPLICATION NUMBER: US/09/657,346A
:
: CURRENT FILING DATE: 2000-09-07
:
: NUMBER OF SEQ ID NOS: 174
:
: SEQ ID NO 119
:
: LENGTH: 20
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-119

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RESULT 2504
US-09-350-275-44
; Sequence 44, Application US/09350275
; Patent No. 6531303
; GENERAL INFORMATION:
; APPLICANT: Mullis, James R.
; APPLICANT: Maurina-Brunker, Julie
; APPLICANT: McMillin, Thomas W.
; TITLE OF INVENTION: PRODUCTION OF FARNESOL AND GERANYLGERANOL
; FILE REFERENCE: 3161-25
; CURRENT APPLICATION NUMBER: US/09/350.275
; CURRENT FILING DATE: 1999-07-06
; EARLIER APPLICATION NUMBER: 60/091,964
; EARLIER FILING DATE: 1998-07-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: PRIMER
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PRIMER
US-09-350-275-44

```

```

RESULT 2505
US-09-394-455-23/C
; Sequence 23, Application US/09394455
; Patent No. 6531305
; GENERAL INFORMATION:
; APPLICANT: Wiltman, George F.
; APPLICANT: San Agustín, Jovenal
; APPLICANT: Leszyk, John D.
; TITLE OF INVENTION: SPERM ASSOCIATED PROTEIN KINASE POLYPEPTIDES, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS, AND METHODS OF USE
; FILE REFERENCE: 07917/078001
; CURRENT APPLICATION NUMBER: US/09/394,455

```

```
; CURRENT FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/099,771
; PRIOR FILING DATE: 1998-09-10
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Ovine
US-09-394-455-23
```

```
Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4901 GAGGTGGCAGCCATCAG 4918
Db      20 GGGGTGGAGCCATCAG 3
```

```
RESULT 2506
US-09-422-978-6306
; Sequence 6306, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10667 for SEQ 2372,
US-09-422-978-6306
```

```
Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      277 TCCTTCTCTCTCTCTC 294
Db      1 TCTTCTCCTGCTCCTC 18
```

```
RESULT 2507
US-09-422-978-6631/c
; Sequence 6631, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
```

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; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6631
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-14424 for SEQ 2697,
US-09-422-978-6631
```

```
Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3183 CAGTGGAGTCACTAGC 3200
Db      20 CAGTGTCCACTACTAGC 3
```

```
RESULT 2508
US-09-422-978-6860
; Sequence 6860, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6860
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-19860 for SEQ 2926,
US-09-422-978-6860
```

```
Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2985 GCCACAGAAAGCAGCTG 3002
Db      2 GACACAGAAATGAGCTG 19
```

```
RESULT 2509
US-09-422-978-9919/c
; Sequence 9919, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
```

```
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 9919
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: downstream amplification primer 99-8276 for SEQ 2054, in compleme
US-09-422-978-9919

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2476 ACACCAAGCAGAAATCA 2493
Db      19 ACACAAAGCAGAAATCA 2

RESULT 2510
US-09-422-978-10976
/ Sequence 10976, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10976
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: downstream amplification primer 99-23589 for SEQ 3111, in compleme
US-09-422-978-10976

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      4874 CTGTGCCAGGTTCCCTGT 4891
Db      2 CTGTGCAGATGCTCTGT 19

RESULT 2511
US-09-422-978-11451
/ Sequence 11451, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11451
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: downstream amplification primer 99-6707 for SEQ 3586, in compleme
US-09-422-978-11451

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      818 GCTGAGAGAGACAC 835
Db      3 GCCTGAGATGAGACAC 20

RESULT 2512
US-09-230-652-138/c
/ Sequence 138, Application US/09230652A
/ Patent No. 6537775
/ GENERAL INFORMATION:
/ APPLICANT: Tournier-Lasserre, Elisabeth
/ APPLICANT: Joutel, Anne
/ APPLICANT: Bousseer, Marie-Germaine
/ APPLICANT: Bach, Jean-Francois
/ TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
/ TITLE OF INVENTION: THERAPEUTIC APPLICATION
/ FILE REFERENCE: 03715.0048-00000
/ CURRENT APPLICATION NUMBER: US/09/230,652A
/ CURRENT FILING DATE: 1999-05-17
/ EARLIER APPLICATION NUMBER: FR 96 09733
/ EARLIER FILING DATE: 1996-08-01
/ EARLIER APPLICATION NUMBER: FR 97 04680
/ EARLIER FILING DATE: 1997-04-16
/ EARLIER APPLICATION NUMBER: PCT/FR97/01433
/ EARLIER FILING DATE: 1997-07-31
/ NUMBER OF SEQ ID NOS: 163
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 138
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-138

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2377 AGAGAGAGGAGCAGAG 2394
Db      19 AGAGCAGAGCAGAGG 2

RESULT 2513
US-10-025-139-8
/ Sequence 8, Application US/10025139
/ Patent No. 6537973
/ GENERAL INFORMATION:
```


APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
FILE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR FILING DATE: 1992-03-16
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3209 TCCGTGCAGTGCCTCCAG 3226
Db 3 TCCGTGCAGTGCCTCCAG 20

RESULT 2514
US-09-060-299-126
Sequence 126, Application US/09060299
Patent No. 6545137
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshiniko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Gleebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-126

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 513 ATGTCCTCCCTGCTGAC 530
Db 3 ACGTCTCTTCTGAC 20

RESULT 2515
US-09-060-299-268/C
Sequence 268, Application US/09060299
Patent No. 6545137
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshiniko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Gleebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 268:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-268

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2292 CCTACCGGAGGACAGAA 2309
DB 20 CCTCCCTGTGAGAGAGA 3

RESULT 2516
US-09-322-624-17/c
Sequence 17, Application US/09322624
Patent No. 6548734

GENERAL INFORMATION:
APPLICANT: Gilmer, L et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
FILE REFERENCE: HUI-035CP
CURRENT APPLICATION NUMBER: US/09/322,624
CURRENT FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: USSN 09/087,139
EARLIER FILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: synthetic construct
US-09-322-624-17

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2725 CATTGAAGACCAAGTCCC 2742
DB 20 CATTGAAGACCAAGTCCC 3

RESULT 2517
US-09-705-267A-168/c
Sequence 168, Application US/09705267A
Patent No. 6551826
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAPID EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 168
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-168

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 CATCACCCTGCTCAAGAC 556
DB 20 CATCACCCTGCTCAAGAC 3

RESULT 2518
US-09-402-923A-126
Sequence 126, Application US/09402923A
Patent No. 6555654

GENERAL INFORMATION:
APPLICANT: Todd, John A
Hees, John W
Caekey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESS: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: US/09/402,923A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 126:
US-09-402-923A-126

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 513 ATGTCCCTGCTCGAAC 530
DB 3 ACGTCTCTCTCGAAC 20

RESULT 2519
US-09-402-923A-268/c
Sequence 268, Application US/09402923A
Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hees, John W
Caekey, Charles T
Cox, Roger D

```

Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 268:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 268:
US-09-402-923A-268
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2292 CCTACTCTGGAGCGAGAA 2309
||| ||| ||| ||| |||
20 CCTCCCTGTGAGAGAGAA 3
RESULT 2520
US-09-198-452A-1346
Sequence 1346, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1346
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1346

```

```

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2043 ACAGCATTGCAAAACACA 2060
      ||||| ||||| |||||
Db      3 ACAGCAGACAGCAATCACCA 20

RESULT 2521
US-09-198-452A-1687/c
; Sequence 1687, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffalls, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment; thereof and uses thereof, in particular for the diagnosis, prev;
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1687
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1687

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      4526 CTGAGGCTTAGCCACCT 4543
      ||| ||||| |||||
Db      18 CTGCTGCTTAGCCACCT 1

RESULT 2522
US-09-198-452A-1854/c
; Sequence 1854, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffalls, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment; thereof and uses thereof, in particular for the diagnosis, prev;
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1854
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1854

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      5064 CTTTCTTCTATCTCTG 5081
      ||||| ||||| |||||
Db      19 CTTTCACTTATCCTG 2

RESULT 2523
US-09-198-452A-2001/c
; Sequence 2001, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffalls, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment; thereof and uses thereof, in particular for the diagnosis, prev;

```

```
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2001
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2001

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      270 CTCCTCTCTCTTCTCTCT 287
DB      20 CTCCTCTCTCTTGTCCCT 3

RESULT 2524
US-09-198-452A-2323/C
/ Sequence 2323, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2323
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2323

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      909 ACTGCCAGCTCGTGTGAG 926
DB      19 ACTTCAGCTTCTGTGTGAG 2

RESULT 2525
US-09-198-452A-2464/C
/ Sequence 2464, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2464
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2464

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4199 TTTCAGGAAGGCGCTAG 4216
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DB      19 TTTCAGGAAGGCGCATAG 2

RESULT 2526
US-09-198-452A-2694/C
/ Sequence 2694, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2694
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2694

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      362 ACAGGAAGTCAGTCAGTT 379
DB      19 ACAGGAAGCCTCGGTT 2

RESULT 2527
US-09-198-452A-2802
/ Sequence 2802, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 2802
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2802

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1739 CTCGAACATCGGTAAAGC 1756
DB      1 CTCGAACCTCGGTAAAGC 18

RESULT 2528
US-09-198-452A-2848/C
/ Sequence 2848, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
```

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; SEQ ID NO 2848
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2848

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4825 TTCTCAGTGGAGATC 4842
DB 20 TTCTAGTGGATGCTC 3

RESULT 2529
US-09-198-452A-3417
; Sequence 3417, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3417
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3417

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2042 GACGAGATTGCCAACAC 2059
DB 2 GACAGCATGTGCCACAC 19

RESULT 2530
US-09-198-452A-3436/C
; Sequence 3436, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3436
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3436

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 AAAGGCGTACTGCTCTGT 4223
DB 19 AAATGGCTTACTGCTCTGT 2

RESULT 2531
US-09-198-452A-3674/C
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; Sequence 3674, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3674
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3674

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCC 5101
DB 19 GCTTTCAGCTCTGCTTCC 2

RESULT 2532
US-09-198-452A-3679/C
; Sequence 3679, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3679

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5084 GCTTTCAGCTCTGCTTCC 5101
DB 19 GCTTTCAGCTCTGCTTCC 2

RESULT 2533
US-09-198-452A-3906/C
; Sequence 3906, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3906
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3906
```

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1030 GTGGGCTTCCAGAGAGC 1047
DB 19 GTGGGCTTCCAGAGAGC 2

RESULT 2534

US-09-198-452A-4216
Sequence 4216, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4216

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4216

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3048 TTCAGGGGAGATCAAG 3065
DB 2 TTCAGGGGAGATCAAG 19

RESULT 2535

US-09-198-452A-4685/c

Sequence 4685, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4685

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4685

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1287 AACATGCTTCCAGAGC 1304
DB 20 AACATGCTTCCAGAGC 3

RESULT 2536

US-09-198-452A-4863/c

Sequence 4863, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4863

QY 4905 TGGGAGGATGACAGC 4922
DB 18 TGGGAGGATGACAGC 1

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4905 TGGGAGGATGACAGC 4922
DB 18 TGGGAGGATGACAGC 1

RESULT 2537

US-09-198-452A-4946/c

Sequence 4946, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4946

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4946

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2044 CAGGATTCGCAACAC 2061
DB 19 CAGGATTCGCAACAC 2

RESULT 2538

US-09-198-452A-5011/c

Sequence 5011, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffiths, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5011

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5011

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4544 AAAACGTCGCAAC 4561
DB 19 AAAACGTCGCAAC 2

Db 18 AGAACATCCCCAACCC 1

RESULT 2539
US-09-198-452A-5105/c
; Sequence 5105, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5105

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2461 GGGCAATACGCTTACA 2478
Db 19 GCGTCAATACGCTTACA 2

RESULT 2540
US-09-198-452A-5246
; Sequence 5246, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5246
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5246

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4526 CTGAGCTTACGACCT 4543
Db 1 CTGATGCTGTGACACT 18

RESULT 2541
US-09-198-452A-5277
; Sequence 5277, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5277

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5277

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 553 AGCGGAGAGCTGCTTT 570
Db 1 AGCGGAGAGCTGCTTT 18

RESULT 2542
US-09-198-452A-5363
; Sequence 5363, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5363
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5363

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1793 CAAGGGGCGAGGAAGC 1810
Db 2 CAAGGGGCGATGAAAGC 19

RESULT 2543
US-09-198-452A-5486
; Sequence 5486, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5486
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5486

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGT 1374
Db 2 TGCACGATGCTCCATAGT 19

RESULT 2544
US-09-198-452A-5490/c
; Sequence 5490, Application US/09198452A

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; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5490
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5490

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      528 AACCATGCAACATCACC 545
Db      20 AACATGCCAATCTCC 3

RESULT 2545
US-09-198-452A-5508/c
; Sequence 5508, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5508
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5508

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4923 CACAGTTAGCCCAAGCC 4940
Db      18 CACAGTGAAGCAAGCC 1

RESULT 2546
US-09-198-452A-5744/c
; Sequence 5744, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5744
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5744

Query Match      0.3%; Score 13.2; DB 1; Length 20;
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```
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3095 GAAGCTCATGACTTGT 3112
Db      20 GAAGCTCTTACTTTGT 3

RESULT 2547
US-09-198-452A-6250/c
; Sequence 6250, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6250
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6250

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4721 TGGTTAGCTAAAGTCCC 4738
Db      18 TTCATTAGCGAAGTCC 1

RESULT 2548
US-09-198-452A-6350/c
; Sequence 6350, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6350

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1549 TCATTAGTCACAGAAAT 1566
Db      19 TCATTACGACACAGAACT 2

RESULT 2549
US-09-808-358-9/c
; Sequence 9, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH CORPORATION
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; TITLE OF INVENTION: Oligonucleotides
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; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to trn1 and
US-09-808-358-9

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2466 AAAATGCGCTGACCAAG 2483
Db      18 AAACAAGCCTAAACCAAG 1

RESULT 2550
US-09-808-358-21
; Sequence 21, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to trn2 or
US-09-808-358-21

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3104 TGACTTGTGAAGCGA 3121
Db      2 TGACGTTGTGAATCTGA 19

RESULT 2551
US-09-686-055A-44/C
; Sequence 44, Application US/09686055A
; Patent No. 6566087
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
```

```
US-09-686-055A-44

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1673 GCAGCAGATGAGACAA 1690
Db      19 GCTGAGAGAGAGACAA 2

RESULT 2552
US-09-843-376-31/C
; Sequence 31, Application US/09843376
; Patent No. 6566132
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0234
; CURRENT APPLICATION NUMBER: US/09/843,376
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-376-31

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1569 CTGAATAGTTGGTGATC 1586
Db      20 CTGATCATGTTGGTGATC 3

RESULT 2553
US-09-922-146-20
; Sequence 20, Application US/09922146
; Patent No. 6566133
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
; FILE REFERENCE: RTS-0252
; CURRENT APPLICATION NUMBER: US/09/922,146
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-20

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      499 GGCCACAGCCCATG 516
Db      2 GGCCACAGCCCATG 19

RESULT 2554
US-09-922-146-34/C
; Sequence 34, Application US/09922146
; Patent No. 6566133
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseart
/ APPLICANT: Brett P. Morla
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
/ FILE REFERENCE: RTS-0252
/ CURRENT APPLICATION NUMBER: US/09/922.146
/ CURRENT FILING DATE: 2001-08-01
/ NUMBER OF SEQ ID NOS: 48
/ SEQ ID NO 34
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-34

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3242 CAACCCCACTACATGCG 3259
Db      18 CAACCTTCACTTCTGCG 1

RESULT 2555
US-09-922-146-40/c
/ Sequence 40, Application US/09922146
/ Patent No. 6566133
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseart
/ APPLICANT: Brett P. Morla
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
/ FILE REFERENCE: RTS-0252
/ CURRENT APPLICATION NUMBER: US/09/922.146
/ CURRENT FILING DATE: 2001-08-01
/ NUMBER OF SEQ ID NOS: 48
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-40

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2189 CCGGTTCTGCGCCTGCG 2206
Db      18 CCAAGTCCCGCGCCTGCG 1

RESULT 2556
US-09-679-299A-109/c
/ Sequence 109, Application US/09679299A
/ Patent No. 6566135
/ GENERAL INFORMATION:
/ APPLICANT: Vickie L. Brown-Driver
/ APPLICANT: Hong Zhang
/ APPLICANT: Andrew T. Walt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
/ FILE REFERENCE: RTS-0187
/ CURRENT APPLICATION NUMBER: US/09/679.299A
/ CURRENT FILING DATE: 2000-10-04
/ NUMBER OF SEQ ID NOS: 164
/ SEQ ID NO 109
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-09-679-299A-109

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      38 GCAGAGAAGAACACTTCTC 55
Db      20 GCAGAGAAGAACTCTGCTC 3

RESULT 2557
US-09-331-568A-21/c
/ Sequence 21, Application US/09331568A
/ Patent No. 6570004
/ GENERAL INFORMATION:
/ APPLICANT: Martin U. Blaser
/ APPLICANT: Mikio Katita
/ TITLE OF INVENTION: dape GENE OF HELICOBACTER PYLORI AND
/ TITLE OF INVENTION: dape MUTANT STRAINS OF HELICOBACTER PYLORI
/ FILE REFERENCE: 22000.0072
/ CURRENT APPLICATION NUMBER: US/09/331.568A
/ CURRENT FILING DATE: 2001-06-18
/ PRIOR APPLICATION NUMBER: PCT/US97/24147
/ PRIOR FILING DATE: 1997-12-23
/ PRIOR APPLICATION NUMBER: 60/033.824
/ PRIOR FILING DATE: 1996-12-23
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 21
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: \No. 65700004e =
/ OTHER INFORMATION: synthetic construct
US-09-331-568A-21

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1676 GCAGATGAAGAACACGCA 1693
Db      18 GCAGAAAAGAACATGCA 1

RESULT 2558
US-09-702-083-11/c
/ Sequence 11, Application US/09702083
/ Patent No. 6573234
/ GENERAL INFORMATION:
/ APPLICANT: The Procter & Gamble Company
/ TITLE OF INVENTION: Liquid Detergent Compositions Comprising Polymeric Suds Enhancers
/ FILE REFERENCE: 7574R6
/ CURRENT APPLICATION NUMBER: US/09/702.083
/ CURRENT FILING DATE: 2000-10-30
/ PRIOR APPLICATION NUMBER: US 09/320.519
/ PRIOR FILING DATE: 1999-05-26
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 11
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: xyloglucanase producing sequence
US-09-702-083-11

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 1874 CTTGAGTGAAGAGGTG 1891
||| |
Db 19 CTTGGAGAGAGAGGTG 2

RESULT 2559
US-09-389-487-8/c
; Sequence 8, Application US/09389487
; Patent No. 6576742
; GENERAL INFORMATION:
; APPLICANT: PILETZ, John E.
; APPLICANT: IVANOV, Tina R.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND
; FILE REFERENCE: CORRECTED SEQUENCE LISTING
; Patent No. 6576742
; CURRENT APPLICATION NUMBER: US/09/389,487
; CURRENT FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: US 08/650,766
; EARLIER FILING DATE: 1996-05-20
; NUMBER OF SEQ. ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-389-487-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2908 AGCACATCCATCAGCA 2925
|||||
Db 20 AGCACATCCATCCTCA 3

RESULT 2560
US-09-597-731-49
; Sequence 49, Application US/09597731
; Patent No. 6582913
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Spilawski, Igor
; TITLE OF INVENTION: KVLQ1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,731
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ. ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-49

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3359 CTCCTGCTGGGCGCTG 3376
||| |
Db 1 CTCCTGCTGGGCGCTG 18

RESULT 2561
US-09-597-731-77
; Sequence 77, Application US/09597731
; Patent No. 6582913
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Spilawski, Igor
; TITLE OF INVENTION: KVLQ1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,731
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ. ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-77

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3359 CTCCTGCTGGGCGCTG 3376
||| |
Db 1 CTCCTGCTGGGCGCTG 18

RESULT 2562
US-09-618-166-92
; Sequence 92, Application US/09618166
; Patent No. 6583112
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/618,166

```
/ FILING DATE: 17-Jul-2000
/ CLASSIFICATION: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Mcmasters, David D.
/   REGISTRATION NUMBER: 33,963
/   REFERENCE/DOCKET NUMBER: 240052.419C1
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (206) 622-4500
/   TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 92:
/   SEQUENCE CHARACTERISTICS:
/     LENGTH: 20 base pairs
/     TYPE: nucleic acid
/     STRANDEDNESS: single
/     TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 92:
US-09-618-166-92

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4049 AGGCGCTCTGACGACGAC 4066
DB      1 AGGCGCTCTGACGACGATGAC 18

RESULT 2563
US-09-645-021-5/c
/ Sequence 5, Application US/09645021
/ Patent No. 6589726
/ GENERAL INFORMATION:
/   APPLICANT: Butler, John H.
/   TITLE OF INVENTION: METHOD AND APPARATUS FOR IN SITU SYNTHESIS ON A SOLID SUPPORT
/   FILE REFERENCE: 05871.0002.CPUS04
/   CURRENT APPLICATION NUMBER: US/09/645,021
/   PRIOR FILING DATE: 2000-08-23
/   PRIOR APPLICATION NUMBER: 09/314,456
/   PRIOR FILING DATE: 1999-05-18
/   PRIOR APPLICATION NUMBER: 08/445,761
/   PRIOR FILING DATE: 1995-06-06
/   SOFTWARE: Patentin version 3.2
/   SEQ ID NO 5
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Artificial sequence
/ OTHER INFORMATION: Synthetic oligonucleotide
US-09-645-021-5

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      363 CAGGAAGTCAGTCAGTTA 380
DB      19 CAGTCAGTCAGTCAGTCA 2

RESULT 2564
US-09-249-247-133/c
/ Sequence 133, Application US/09249247
/ Patent No. 6593305
/ GENERAL INFORMATION:
/   APPLICANT: WRIGHT, Jim A.
/   TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
/   TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
/   FILE REFERENCE: 032396-023
/   CURRENT APPLICATION NUMBER: US/09/249,247
/   EARLIER FILING DATE: 1999-02-11
/   EARLIER APPLICATION NUMBER: US 60/039,959
```

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/ EARLIER APPLICATION NUMBER: US 60/023,040
/ EARLIER FILING DATE: 1996-08-02
/ EARLIER APPLICATION NUMBER: US 60/039,959
/ EARLIER FILING DATE: 1997-03-07
/ EARLIER APPLICATION NUMBER: US 08/904,901
/ EARLIER FILING DATE: 1997-08-01
/ NUMBER OF SEQ ID NOS: 220
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 133
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human
US-09-249-247-133

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4373 AAGAAAGAACTGACGCG 4390
DB      19 AGGAAAGAAAGACGACGCG 2

RESULT 2565
US-09-249-247-139/c
/ Sequence 139, Application US/09249247
/ Patent No. 6593305
/ GENERAL INFORMATION:
/   APPLICANT: WRIGHT, Jim A.
/   APPLICANT: YOUNG, Aiping H.
/   TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
/   TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
/   FILE REFERENCE: 032396-023
/   CURRENT APPLICATION NUMBER: US/09/249,247
/   CURRENT FILING DATE: 1999-02-11
/   EARLIER APPLICATION NUMBER: US 60/023,040
/   EARLIER FILING DATE: 1996-08-02
/   EARLIER APPLICATION NUMBER: US 60/039,959
/   EARLIER FILING DATE: 1997-03-07
/   EARLIER APPLICATION NUMBER: US 08/904,901
/   EARLIER FILING DATE: 1997-08-01
/   NUMBER OF SEQ ID NOS: 220
/   SOFTWARE: Patentin Ver. 2.0
/   SEQ ID NO 139
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Human
US-09-249-247-139

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3892 AATCAACGACGACGCC 3909
DB      19 AGAGCAACGACGACGACC 2

RESULT 2566
US-09-249-247-185/c
/ Sequence 185, Application US/09249247
/ Patent No. 6593305
/ GENERAL INFORMATION:
/   APPLICANT: WRIGHT, Jim A.
/   APPLICANT: YOUNG, Aiping H.
/   TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
/   TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
/   FILE REFERENCE: 032396-023
/   CURRENT APPLICATION NUMBER: US/09/249,247
/   CURRENT FILING DATE: 1999-02-11
/   EARLIER APPLICATION NUMBER: US 60/023,040
/   EARLIER FILING DATE: 1996-08-02
/   EARLIER APPLICATION NUMBER: US 60/039,959
```

EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: US 08/904,901
EARLIER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 185
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-247-185

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4373 AGAAGAGACTGCGCG 4390
DB 20 AGAAGAGAGAGCGCG 3

RESULT 2567
US-09-249-247-204/c
Sequence 204, Application US/09249247
Patent No. 6593305
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antisense Sequences Directed Against R1 and
FILE REFERENCE: 032396-023
CURRENT APPLICATION NUMBER: US/09/249,247
EARLIER FILING DATE: 1999-02-11
EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER FILING DATE: 1996-08-02
EARLIER APPLICATION NUMBER: US 60/039,959
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: US 08/904,901
EARLIER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 204
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-247-204

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2780 GCAGAGTTTGTCAAG 2797
DB 19 GCAGAGTTTGTCAAG 2

RESULT 2568
US-09-081-385-87
Sequence 87, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-081-385-87

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4312 TGGGTCCCGCTGCTC 4329
DB 1 TGGGTCCCGCTGCTGCGC 18

RESULT 2569
US-09-081-385-111
Sequence 111, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank

```
/
/   REGISTRATION NUMBER: 41,386
/   REFERENCE/DOCKET NUMBER: 22000-20577.21
/   TELECOMMUNICATION INFORMATION:
/   TELEPHONE: 650-813-5600
/   TELEFAX: 650-494-0792
/   TELEX: 706141
/   INFORMATION FOR SEQ ID NO: 111:
/   SEQUENCE CHARACTERISTICS:
/   LENGTH: 20 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/   US-09-081-385-111

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4683 ACAGAGAGCTCTCTCT 4700
DB      2 ACAGAGTGGCTCTCTGT 19

RESULT 2570
US-09-903-413-10/C
/   Sequence 10, Application US/09903413
/   Patent No. 6596492
/   GENERAL INFORMATION:
/   APPLICANT: Avery, Anne C.
/   APPLICANT: Burnett, Robert
/   TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND
/   TITLE OF INVENTION: FELINE LYMPHOID MALIGNANCIES
/   FILE REFERENCE: DI-14
/   CURRENT APPLICATION NUMBER: US/09/903,413
/   CURRENT FILING DATE: 2001-07-10
/   PRIOR APPLICATION NUMBER: 60/217,611
/   PRIOR FILING DATE: 2000-07-11
/   NUMBER OF SEQ ID NOS: 10
/   SOFTWARE: Patentin Ver. 2.1
/   SEQ ID NO 10
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Artificial Sequence
/   FEATURE:
/   OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/   US-09-903-413-10

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3964 ACCTCCAGCACTCCAGG 3981
DB      18 ACCTCAAGCACTCCATG 1

RESULT 2571
US-09-780-045-39/C
/   Sequence 39, Application US/09780045
/   Patent No. 6602713
/   GENERAL INFORMATION:
/   APPLICANT: Brett P. Monia
/   APPLICANT: Jacqueline Wyatt
/   TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
/   TITLE OF INVENTION: EXPRESSION
/   FILE REFERENCE: RTS-0130
/   CURRENT APPLICATION NUMBER: US/09/780,045
/   CURRENT FILING DATE: 2001-02-09
/   NUMBER OF SEQ ID NOS: 135
/   SEQ ID NO 39
/   LENGTH: 20
/   TYPE: DNA
```

```
/
/   ORGANISM: Artificial Sequence
/   FEATURE:
/   OTHER INFORMATION: Antisense Oligonucleotide
/   US-09-780-045-39

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4256 AGCACCAGTGGTGA 4273
DB      18 AGACCAAGTGGGAGC 1

RESULT 2572
US-08-944-410-14
/   Sequence 14, Application US/08944410
/   Patent No. 6607878
/   GENERAL INFORMATION:
/   APPLICANT: Sarge, Joseph A.
/   TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES
/   FILE REFERENCE: 04121.0018-00000
/   CURRENT APPLICATION NUMBER: US/08/944,410
/   CURRENT FILING DATE: 1997-10-06
/   NUMBER OF SEQ ID NOS: 113
/   SOFTWARE: Patentin version 3.1
/   SEQ ID NO 14
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Artificial
/   FEATURE:
/   OTHER INFORMATION: Synthetic primer
/   US-08-944-410-14

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      597 CTCGTGCGTCCAGCGAG 614
DB      3 CTCGAGCAGCCAGCGAG 20

RESULT 2573
US-09-624-945-6
/   Sequence 6, Application US/09624945
/   Patent No. 6607915
/   GENERAL INFORMATION:
/   APPLICANT: Monia, Brett P.
/   APPLICANT: Wanciewicz, Edward
/   TITLE OF INVENTION: Antisense Modulation of E2A-Pbx1 Expression
/   FILE REFERENCE: ISPH-0477
/   CURRENT APPLICATION NUMBER: US/09/624,945
/   CURRENT FILING DATE: 2000-07-25
/   PRIOR APPLICATION NUMBER: 60/156,836
/   PRIOR FILING DATE: 1999-09-30
/   NUMBER OF SEQ ID NOS: 20
/   SOFTWARE: Patentin Ver. 2.1
/   SEQ ID NO 6
/   LENGTH: 20
/   TYPE: DNA
/   ORGANISM: Artificial Sequence
/   FEATURE:
/   OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/   US-09-624-945-6

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2669 CGGTCCGGGAGCTGTGA 2686
DB      2 CGGTCCAGGAATGTGA 19
```

```
RESULT 2574
US-09-112-580-145/c
; Sequence 145, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping
; APPLICANT: DUGOURD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; EARLIER FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-145

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3655 CCGGCCGGAACCGCGCA 3672
Db      18 CCGGCCGCGCACCCGCGCA 1

RESULT 2575
US-09-112-580-157/c
; Sequence 157, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping
; APPLICANT: DUGOURD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; EARLIER FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-157

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      824 GGAAGAGACACAGCGCA 841
Db      20 GGAAGTGGACACCGCGCA 3

RESULT 2576
US-09-112-580-182
; Sequence 182, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping
```

```
; APPLICANT: DUGOURD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; EARLIER FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 182
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-182

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3890 GGAATCAACCGACGAC 3907
Db      1 GGAATCAACACGCGAC 18

RESULT 2577
US-09-112-580-228
; Sequence 228, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping
; APPLICANT: DUGOURD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; EARLIER FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 228
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-228

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      899 CATCCCGTGTGCGAG 916
Db      1 CATCCCGTGTGCGAG 18

RESULT 2578
US-10-027-983-53/c
; Sequence 53, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; EARLIER FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-53

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5007 AGCGTGGCTGCGCAGGAG 5024
DB      20 AACCTGGCAGCAGGAG 3

RESULT 2579
US-10-027-983-80
; Sequence 80, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-80

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4362 GCGCCATTCTGAAGAAG 4379
DB      2 GCACCATCTGTGTAATG 19

RESULT 2580
US-10-027-983-94
; Sequence 94, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-94

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5151 TCAACATAGCAGATTAA 5168
DB      1 TCAACTCACCAGATTAA 18

RESULT 2581
US-09-261-104-3
```

```
; Sequence 3, Application US/09261104
; Patent No. 6630140
; GENERAL INFORMATION:
; APPLICANT: GRUNSTEIN, Michael M.
; APPLICANT: HAKONARSON, Hakon
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF ASTHMA
; FILE REFERENCE: 7600-2201 (207600.0065) Grunstein et
; CURRENT APPLICATION NUMBER: US/09/261,104
; CURRENT FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: US 60/077,398
; PRIOR FILING DATE: 1998-03-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human Fc
US-09-261-104-3

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3208 CTCGGTCAGTGGCTCCA 3225
DB      3 CTCGATTCAGTGGTCCA 20

RESULT 2582
US-09-261-104-5
; Sequence 5, Application US/09261104
; Patent No. 6630140
; GENERAL INFORMATION:
; APPLICANT: GRUNSTEIN, Michael M.
; APPLICANT: HAKONARSON, Hakon
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF ASTHMA
; FILE REFERENCE: 7600-2201 (207600.0065) Grunstein et
; CURRENT APPLICATION NUMBER: US/09/261,104
; CURRENT FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: US 60/077,398
; PRIOR FILING DATE: 1998-03-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human Fc
US-09-261-104-5

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3208 CTCGGTCAGTGGCTCCA 3225
DB      3 CTCGATTCAGTGGTCCA 20

RESULT 2583
US-09-686-597-32/c
; Sequence 32, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
```



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; TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY
; FILE REFERENCE: 58710010CPUS02
; CURRENT APPLICATION NUMBER: US/09/686,597
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: 60/158,315
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-686-597-32

Query Match      0.3% Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      363 CAGGAGTCAGTCAGTCA 380
Db      20 CAGTCAGTCAGTCAGTCA 3

RESULT 2584
US-09-033-936-33
; Sequence 33, Application US/09033936
; Patent No. 6632876
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMI
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; FILE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-33

Query Match      0.3% Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      915 AGCTCTGTGAGGCCAAG 932
Db      2 AGTCTCTGTATGTCACAG 19

RESULT 2585
US-08-848-631-7/c
; Sequence 7, Application US/08848631
; Patent No. 6635442
; GENERAL INFORMATION:
; APPLICANT: EMORINE, Laurent; MARULLO, Stefano;
; APPLICANT: STROBERG, Donny
; TITLE OF INVENTION: INTRON/EXON OF THE HUMAN AND
; MOUSE a3-ADRENERGIC RECEPTOR
; GENES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KECK, MAHIN & CATE
; STREET: P.O. BOX 06110
; CITY: CHICAGO
;
```

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; STATE: ILLINOIS
; COUNTRY: U.S.A.
; ZIP: 60606-0110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3-1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/848,631
; FILING DATE: 08-Jun-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/721,571
; FILING DATE: 25-MAY-1990
; APPLICATION NUMBER: PCT/FR89/00918
; FILING DATE: 25-JAN-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Fleit, Martin; Gollin, Michael A.
; REGISTRATION NUMBER: 16,900; 31,957
; REFERENCE/DOCKET NUMBER: 47078-042
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 789-3400
; TELEFAX: (202) 789-1158
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-848-631-7

Query Match      0.3% Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      918 TCCTGTGAGGCCAAGGAG 935
Db      19 TCCTGTGAGGCCAAGGAG 2

RESULT 2586
US-09-866-028-106
; Sequence 106, Application US/09866028
; Patent No. 6642360
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavrin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028
; CURRENT FILING DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
```

FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-866-028-106

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 485 GGGCCAGCCGAGAGGCC 502
DB 2 GGGCCAGCTGACGAGCC 19

RESULT 2587
US-09-860-473-46/c
Sequence 46, Application US/09860473
Patent No. 6656732
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Malt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-46

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2923 GCATCAAGTCCTCTGACA 2940
DB 19 GCTTCAACTCTCTGACA 2

RESULT 2588
US-09-908-410-14
Sequence 14, Application US/09908410
Patent No. 6664059
GENERAL INFORMATION:
APPLICANT: Hogan, Kirk J.
APPLICANT: Brunson, David B.
APPLICANT: Roberts, Monica C.
APPLICANT: Mickelson, James R.
TITLE OF INVENTION: Assay For Propensity For Canine Malignant Hyperthermia
FILE REFERENCE: 960296.98148
CURRENT APPLICATION NUMBER: US/09/908,410
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
NAME/KEY: misc feature
LOCATION: (1)-(20)
OTHER INFORMATION: Human RYR bases 6686-6667.
US-09-908-410-14

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4959 GTGCTGTAGAGAGTCT 4976

DB 3 GTGTTGTAGAGACTTT 20

RESULT 2589
US-09-747-391-152
Sequence 152, Application US/09747391
Patent No. 6670124
GENERAL INFORMATION:
APPLICANT: Chow, Robert
APPLICANT: Tonal, Richard
APPLICANT: StemCite, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 152
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-747-391-152

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 725 CTCATGAGTCTTCTC 742
DB 3 CTCATGAGTATTCTC 20

RESULT 2590
US-09-980-052-214/c
Sequence 214, Application US/09980052
Patent No. 6670130
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joou; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
APPLICANT: PARK, Hee Kyung
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacterium
FILE REFERENCE: P05020/PCR
CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: KopatentIn 1.71
SEQ ID NO 214
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
OTHER INFORMATION: acapulcensis
US-09-980-052-214

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3892 AATACACGACAGACCC 3909
Db 18 AATCAACACCCACACCC 1

RESULT 2591
US-09-495-714C-138/c
; Sequence 138, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCULUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 138
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-138

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2607 GACCAGACCCCTGCTTT 2624
Db 20 GACCACATCCCTGATTT 3

RESULT 2592
US-09-709-902-4/c
; Sequence 4, Application US/09709902
; Patent No. 6677118
; GENERAL INFORMATION:
; APPLICANT: van Muijen, Goos
; TITLE OF INVENTION: Process for the Determination of CTp11 and for Determining Whether a Tumor Sample has Metastatic Potential
; FILE REFERENCE: 20487 US
; CURRENT APPLICATION NUMBER: US/09/709,902
; CURRENT FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: EP/99122454.4
; PRIOR FILING DATE: 1999-11-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense primer
US-09-709-902-4

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2409 GAGGAGGAGAAATCAGC 2426
Db 20 GAGGAGGAGAAATCATG 3

RESULT 2593
US-09-647-468-90/c
; Sequence 90, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI

; APPLICANT: YABUTA, NAOHITO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; CURRENT FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: PCT/JP99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; PRIOR FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer h5LVs
US-09-647-468-90

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4397 TGAGGTTGAGATATAGA 4414
Db 19 TCATGTTGAGATCTAGA 2

RESULT 2594
US-09-909-558-44
; Sequence 44, Application US/09909558
; Patent No. 6689593
; GENERAL INFORMATION:
; APPLICANT: Mills, James R.
; APPLICANT: Maurina-Brunker, Julie
; APPLICANT: McMullin, Thomas W.
; TITLE OF INVENTION: PRODUCTION OF FARNESOL AND GERANYLGERANIOL
; FILE REFERENCE: 3161-25
; CURRENT APPLICATION NUMBER: US/09/909,558
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: 09/350,275
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: PRIMER
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-909-558-44

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3633 ATGCCCGGAGGAGACCC 3650
Db 2 ATTCCGGTAAAGATCCC 19

RESULT 2595
US-09-520-781-69
; Sequence 69, Application US/09520781
; Patent No. 6689866
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
; FILE REFERENCE: 15966-540 No. 6689866el Polynucleotides

```

; CURRENT APPLICATION NUMBER: US/09/520.781
; CURRENT FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-520-781-69

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      231 GGCAGGCTGTATGGGACG 248
Db      1 GGCAGTGGTATGGGATG 18

RESULT 2596
US-09-758-937-18
; Sequence 18, Application US/09758937
; Patent No. 6689937
; GENERAL INFORMATION:
; APPLICANT: Hui, Chi-Chung
; APPLICANT: Dugloez, Andrzej A.
; TITLE OF INVENTION: Transgenic Animal Model of Basal Cell Carcinoma
; FILE REFERENCE: 3477-90
; CURRENT APPLICATION NUMBER: US/09/758,937
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: US 60/175,637
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-758-937-18

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4229 CCACAGGTTCTACTGCT 4246
Db      2 CCACGGAGTCTCTGCTT 19

RESULT 2597
US-09-966-451-50/c
; Sequence 50, Application US/09966451
; Patent No. 6692959
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Fretier
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESS
; FILE REFERENCE: RTS-0324
; CURRENT APPLICATION NUMBER: US/09/966,451
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-966-451-50

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2362 ACCAGCTGCTCACAGAGA 2379
Db      18 ACCAGCTGCTGCACAGAGA 1

RESULT 2598
US-09-485-434-7/c
; Sequence 7, Application US/09485434
; Patent No. 6706472
; GENERAL INFORMATION:
; APPLICANT: Biotechn Geseellschaft fr Biotechnologische Entwicklung und Consulting mbH
; APPLICANT: Berghof, Kornelia
; APPLICANT: Gaseh, Alexander
; APPLICANT: Scheu, Pia
; APPLICANT: Walborn, Freimut
; TITLE OF INVENTION: Group of Nucleic Acid Molecules for Salmonella
; TITLE OF INVENTION: Detection, Nucleic Acids, Kit and Use
; FILE REFERENCE: PCT/EP 98/05129
; CURRENT APPLICATION NUMBER: US/09/485,434
; CURRENT FILING DATE: 2000-04-14
; EARLIER APPLICATION NUMBER: DE 197 34 940.4
; EARLIER FILING DATE: 1997-08-12
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Salmonella enterica
US-09-485-434-7

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2835 CTGGTGTGAAGTTTGGT 2852
Db      20 CTGGTCACAGATTAGT 3

RESULT 2599
US-09-402-618B-89/c
; Sequence 89, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Dymatchev, Victor
; APPLICANT: Prudent, James
; APPLICANT: Fors, Lance
; APPLICANT: Neel, Bruce
; APPLICANT: Brow, Mary Ann
; APPLICANT: Anderson, Todd
; APPLICANT: Dahlberg, James
; TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot
; FILE REFERENCE: FORS-04012
; CURRENT APPLICATION NUMBER: US/09/402,618B
; CURRENT FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: PCT/US98/03194
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

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; OTHER INFORMATION: Synthetic
US-09-402-618B-89

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3360 TCCCGCTGGGGCCCTGC 3377
Db 20 TCGGCGCTGGGGCCCGGC 3

RESULT 2600
US-09-953-318-55/c
; Sequence 55, Application US/09953318
; Patent No. 6710174
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-55

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3377 CAGGGGAGAAAGCTCTCC 3394
Db 20 CAGGGGAGAAAGCTCTCC 3

RESULT 2601
US-09-953-318-71
; Sequence 71, Application US/09953318
; Patent No. 6710174
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-71

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2416 AAGAAATCAGCTTGCC 2433
Db 1 AATAGTACGTTGCTC 18

RESULT 2602

; OTHER INFORMATION: Synthetic
US-09-402-618B-89

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3360 TCCCGCTGGGGCCCTGC 3377
Db 20 TCGGCGCTGGGGCCCGGC 3

RESULT 2603
US-09-953-318-102/c
; Sequence 102, Application US/09953318
; Patent No. 6710174
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-102

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5035 TTGGTTCAGGCTCTTGA 5052
Db 3 TTCTTCAGGCTCATCA 20

RESULT 2604
US-09-953-318-126/c
; Sequence 126, Application US/09953318
; Patent No. 6710174
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 126
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-126

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 891 CCAAGAAACATCCCGCTG 908
DB 20 CCAGAAACAGACGCGTG 3

RESULT 2605
US-09-021-660A-5
Sequence 5, Application US/09021660A
Patent No. 6713065
GENERAL INFORMATION:
APPLICANT: Barton, M.
APPLICANT: Belausoff, M.
TITLE OF INVENTION: METHODS FOR MODULATING HEMATOPOIESIS AND VASCULAR
FILE REFERENCE: HU-P-001-060
CURRENT APPLICATION NUMBER: US/09/021,660A
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/037,513
PRIOR FILING DATE: 1997-02-10
PRIOR APPLICATION NUMBER: 60/049,763
PRIOR FILING DATE: 1997-06-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-021-660A-5

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4241 CTGCTGTGAGGCTTACG 4258
DB 3 CTGCTGTGAGTATAC 20

RESULT 2606
US-10-029-517-33/c
Sequence 33, Application US/10029517
Patent No. 6716627
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan J. Myers
TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
FILE REFERENCE: RTS-0352
CURRENT APPLICATION NUMBER: US/10/029,517
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 107
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-33

Query Match 0.3%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3682 CCAGCATCGTCTCACC 3699
DB 20 CCAGCAGCGTACTCTCA 3

RESULT 2607
US-10-215-448-53
Sequence 53, Application US/10215448
Patent No. 6716975
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BCGI EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-53

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1227 CAGCAGCTCTCCCGGCGC 1244
DB 2 CAGCAGCTCTCCTGCGC 19

RESULT 2608
US-08-983-605-121
Sequence 121, Application US/08983605A
Patent No. 6720137
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum aestivum and Tribe Triticaceae and the Use of
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 121
LENGTH: 20
TYPE: DNA
ORGANISM: Triticum aestivum
US-08-983-605-121

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5099 TCCTGCTATTAGGAGA 5116
DB 1 TCATTGTATAGGAGA 18

RESULT 2609
US-09-758-881-13
Sequence 13, Application US/09758881
Patent No. 6727064
GENERAL INFORMATION:
APPLICANT: Karas, James G

```
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-13

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3126 GATGAATCCAGTGGGCCA 3143
Db      1 GCTGATTCATTTGGGCCA 18

RESULT 2610
US-09-758-881-14
; Sequence 14, Application US/09758881
; Patent No. 6727064
; GENERAL INFORMATION:
; APPLICANT: Kariass, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-14

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3126 GATGAATCCAGTGGGCCA 3143
Db      3 GCTGATTCATTTGGGCCA 20

RESULT 2611
US-09-758-881-109
; Sequence 109, Application US/09758881
; Patent No. 6727064
; GENERAL INFORMATION:
; APPLICANT: Kariass, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
```

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; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-109

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3126 GATGAATCCAGTGGGCCA 3143
Db      2 GCTGATTCATTTGGGCCA 19

RESULT 2612
US-09-232-785-36
; Sequence 36, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echn, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATTELITE DNA MARKERS AND USRS
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Pinus taeda L.
; OTHER INFORMATION:
US-09-232-785-36

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1278 AATCCATCAACATGCTG 1295
Db      2 AAGCCCTTGAAACATGCTG 19

RESULT 2613
US-09-232-785-65/c
; Sequence 65, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echn, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATTELITE DNA MARKERS AND USRS
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
```

LENGTH: 20
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-65

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

5249 CAATAAATGTCCTTC 5266
Db 19 CAACAATTGTGCTTC 2

RESULT 2614
US-09-967-655-51
Sequence 51, Application US/09967655
Patent No. 6734017
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-51

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1978 TCGTGGTGTGCGCCAGC 1995
Db 2 TGTGATGCTGTCCAGC 19

RESULT 2615
US-09-967-655-81
Sequence 81, Application US/09967655
Patent No. 6734017
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-81

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

454 CGGTGGTGTGCTGCT 471
Db 2 CGGTGGTGTGCTGCT 19

RESULT 2616
US-09-529-239D-89/c
Sequence 89, Application US/09529239D
Patent No. 6734019
GENERAL INFORMATION:
APPLICANT: Doutriaux, Marie-Pascale
APPLICANT: Betzner, Andreas
APPLICANT: Freysinet, Georges
APPLICANT: Perez, Pascal
TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
FILE REFERENCE: A33153-PCT-USA 072667.0128
CURRENT APPLICATION NUMBER: US/09/529,239D
CURRENT FILING DATE: 2000-10-27
PRIOR APPLICATION NUMBER: PCT/EP98/06977
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 100
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 89
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Reverse primer for PCR amplification of NGA106
OTHER INFORMATION: SSCP marker in Arabidopsis thaliana subspecies.
US-09-529-239D-89

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

772 AGAAGAAACATGGGCG 789
Db 19 AGAAGAAACAAATGGGCG 2

RESULT 2617
US-09-944-457-106
Sequence 106, Application US/09944457
Patent No. 6734288
GENERAL INFORMATION:
APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Flvaroff, Ellen
APPLICANT: Gerltzen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kijavitt, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tomas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,457
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,335
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,425


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; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,082
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. 6734288ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. 6734288ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-944-457-106
```

```
Query Match
; Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 485 GGCCACGCCGAGAGGCC 502
|||
Db 2 GGCCACGCTGACGAGGCC 19

RESULT 2618
US-09-811-673-12
; Sequence 12, Application US/09811673
; Patent No. 6740746
; GENERAL INFORMATION:
; APPLICANT: SALONEN, Jukka T. et al.
; TITLE OF INVENTION: A DNA MOLECULE ENCODING A VARIANT PARAOXONASE AND USES THEREOF
; FILE REFERENCE: 0933-0167P
; CURRENT APPLICATION NUMBER: US/09/811,673
; CURRENT FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer targeted to Homo sapiens
US-09-811-673-12

Query Match
; Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1523 CTACAGCCACAGAAAT 1540
|||
Db 3 CTACAGCTAAAGGAAAT 20

RESULT 2619
US-09-975-123-32
; Sequence 32, Application US/09975123
; Patent No. 6750019
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTE
; FILE REFERENCE: RTS-0253
; CURRENT APPLICATION NUMBER: US/09/975,123
; CURRENT FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 43
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-975-123-32

Query Match
; Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1251 CCAGCTCTCAGGTTCTT 1268
|||
Db 2 CCAGCTCTCAGGTTCTT 19

RESULT 2620
US-09-975-123-34
; Sequence 34, Application US/09975123
; Patent No. 6750019
; GENERAL INFORMATION:
```

APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN
FILE REFERENCE: RTS-0253
CURRENT APPLICATION NUMBER: US/09/975,123
CURRENT FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 43
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-975-123-34

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4857 GCTAGAGATGCCAAGCC 4874
DB 1 GCTAGAGATGCCAAGCTC 18

RESULT 2621
US-09-607-745-3/c
Sequence 3, Application US/09607745
Patent No. 6750034
GENERAL INFORMATION:
APPLICANT: Darrow, Andrew L
APPLICANT: Qi, Jai-shen
APPLICANT: Andrade-Gordon, Patricia
TITLE OF INVENTION: DNA encoding human serine protease D-G
FILE REFERENCE: ORT-1273
CURRENT APPLICATION NUMBER: US/09/607,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-607-745-3

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4258 CACCAAGTGTGGAGCTG 4275
DB 19 CACCAAGTGTGGAGCTG 2

RESULT 2622
US-10-148-806-18
Sequence 18, Application US/10148806
Patent No. 6762042
GENERAL INFORMATION:
APPLICANT: Bai, Chang
APPLICANT: Metzger, Michael
APPLICANT: Liu, Xiaomei
TITLE OF INVENTION: DNA MOLECULES ENCODING HUMAN NHL, A DNA
FILE REFERENCE: 20585P
CURRENT APPLICATION NUMBER: US/10/148,806
CURRENT FILING DATE: 2002-06-05
PRIOR APPLICATION NUMBER: US00/33065
PRIOR FILING DATE: 2000-12-09
PRIOR APPLICATION NUMBER: 60/169,970
PRIOR FILING DATE: 1999-12-09

NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-148-806-18

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 454 CGATGATGTGTGGTCTT 471
DB 1 CGATGATGTGTGGTCTT 18

RESULT 2623
US-10-148-806-19/c
Sequence 19, Application US/10148806
Patent No. 6762042
GENERAL INFORMATION:
APPLICANT: Bai, Chang
APPLICANT: Metzger, Michael
APPLICANT: Liu, Xiaomei
TITLE OF INVENTION: DNA MOLECULES ENCODING HUMAN NHL, A DNA
FILE REFERENCE: 20585P
CURRENT APPLICATION NUMBER: US/10/148,806
CURRENT FILING DATE: 2002-06-05
PRIOR APPLICATION NUMBER: US00/33065
PRIOR FILING DATE: 2000-12-09
PRIOR APPLICATION NUMBER: 60/169,970
PRIOR FILING DATE: 1999-12-09
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-148-806-19

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 454 CGATGATGTGTGGTCTT 471
DB 20 CGATGATGTGTGGTCTT 3

RESULT 2624
US-09-930-589-7/c
Sequence 7, Application US/09930589
Patent No. 6762294
GENERAL INFORMATION:
APPLICANT: Iwata, Nakao
APPLICANT: Goldman, David
TITLE OF INVENTION: POLYMORPHIC HUMAN GABAA RECEPTOR ALPHA-6
FILE REFERENCE: NIH53.001C1
CURRENT APPLICATION NUMBER: US/09/930,589
CURRENT FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: PCT/US00/04189
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: 60/120,812
PRIOR FILING DATE: 1999-02-19
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-930-589-7

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1939 TTAACAGCTGCCATCC 1956
Db 18 TTAACAGCTGCTATCC 1

RESULT 2625
US-09-444-711A-5/c
Sequence 5, Application US/09444711A
Patent No. 676483
GENERAL INFORMATION:
APPLICANT: Yeatman, Timothy J.
TITLE OF INVENTION: Mutated SRC Oncogene Composition and Methods
FILE REFERENCE: USF-T136
CURRENT APPLICATION NUMBER: US/09/444,711A
CURRENT FILING DATE: 2002-11-13
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 3' mutant allele specific primer
NAME/KEY: misc feature
LOCATION: (15)-(15)
OTHER INFORMATION: n is defined as a 3-nitropyrrole residue
US-09-444-711A-5

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3085 AGACGAGGAGAGACTCTA 3103
Db 19 AGCCGGGAGAGACTCTA 1

RESULT 2626
US-09-865-879-32/c
Sequence 32, Application US/09865879
Patent No. 6767705
GENERAL INFORMATION:
APPLICANT: Roninson, Igor
APPLICANT: Dokmanovic, Milos
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
FILE REFERENCE: 99,216-H
CURRENT APPLICATION NUMBER: US/09/865,879
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/207,535
PRIOR FILING DATE: 2000-05-26
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIn version 3.0
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Sense primer for Bene

US-09-865-879-32

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5131 TCTTCCTTATGTCCT 5148
Db 20 TCTTCCTTATGTCCT 3

RESULT 2627
US-09-574-779B-69
Sequence 69, Application US/09574779B
Patent No. 6767720
GENERAL INFORMATION:
APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
TITLE OF INVENTION: No. 6767720el cdnas encoding catenin-binding proteins with
TITLE OF INVENTION: function in signalling and/or gene regulation
FILE REFERENCE: 2676-4415US
CURRENT APPLICATION NUMBER: US/09/574,779B
CURRENT FILING DATE: 2000-05-19
PRIOR APPLICATION NUMBER: 99201543.8
PRIOR FILING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 158
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer FVR160R
US-09-574-779B-69

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 378 TTAAGCTGGTGGCAGCAG 395
Db 1 TTCAGATGGTGGCAGTAG 18

RESULT 2628
US-09-917-963-61
Sequence 61, Application US/09917963
Patent No. 6767739
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-61

Query Match
Best Local Similarity 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4154 TCCTGCTGCTCTCTCTG 4171
Db 3 TCATGCTGCTCTCTCTG 20

```
RESULT 2629
US-09-544-398B-72
; Sequence 72, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: CARULLI, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-72

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      420 CCGCAGGTTGCAGTGAG 437
Db      3 CTGCAGGTTCTCTTGAG 20

RESULT 2630
US-09-544-398B-611/c
; Sequence 611, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: CARULLI, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 611
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-611

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1614 CTGCGAAGGATATGTT 1631
Db      18 CTGGGAGGAATATGTT 1

RESULT 2631
```

```
US-09-835-370-16/c
; Sequence 16, Application US/09835370
; Patent No. 677544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILF, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
US-09-835-370-16

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      921 TGTGAGCCAGGAGGTT 938
Db      19 TGGAGGCCAGGCGGT 2

RESULT 2632
US-09-770-517C-8
; Sequence 8, Application US/09770517C
; Patent No. 6780619
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Kazuya
; APPLICANT: Yamamoto, Hiroaki
; APPLICANT: Matsumura, Shinji
; APPLICANT: Tokuyama, Shinji
; TITLE OF INVENTION: D-AMINOACYLASE AND GENE ENCODING THE SAME
; FILE REFERENCE: 06501-072001
; CURRENT APPLICATION NUMBER: US/09/770,517C
; CURRENT FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: JP 2000-019080
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: JP 2000-150578
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-09-770-517C-8

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3413 GCCCATATCACCCAAGAA 3430
Db      3 GCCAAATCACCCAAGAA 20

RESULT 2633
US-09-887-145-15
; Sequence 15, Application US/09887145
; Patent No. 6780641
```

GENERAL INFORMATION:
APPLICANT: Kim, Seung U
TITLE OF INVENTION: Immobilized human microglia cell and continuous cell line
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESSES:
ADDRESSEE: David Prashker, Esq.
STREET: P.O. Box 5387
CITY: Magnolia
STATE: Massachusetts
COUNTRY: USA
ZIP: 01930
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
COMPUTER: Dell PC
OPERATING SYSTEM: MS DOS
SOFTWARE: Microsoft Word version 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/887,145
FILING DATE: 22-Jun-2001
CLASSIFICATION: Unknown
ATTORNEY/AGENT INFORMATION:
NAME: David Prashker, Esq.
REGISTRATION NUMBER: 29,693
REFERENCE/DOCKET NUMBER: UBC-002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (978) 525-3794
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-887-145-15
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5116 AATAGATGGTGATGCT 5133
Db 1 AAAAGCTGGTGATGCT 18
RESULT 2634
US-09-848-868-3/c
Sequence 3, Application US/09848868
Patent No. 6784291
GENERAL INFORMATION:
APPLICANT: Iversen, Patrick L.
APPLICANT: Hudziak, Robert
TITLE OF INVENTION: Splice-Region Antisense Composition and
FILE REFERENCE: 0450-0037.30
CURRENT APPLICATION NUMBER: US/09/848,868
CURRENT FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/202,376
PRIOR FILING DATE: 2000-05-04
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense
US-09-848-868-3
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3280 CAATGCCCTGACGTGA 3297
Db 20 CGATGCCCTCAACGTGA 3
RESULT 2635
PCT-US93-02213-8
Sequence 8, Application PC/TUS9302213
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02213
FILING DATE: 19930225
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0872
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US93-02213-8
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3209 TCGGTGAGTGGCTCAG 3226
Db 3 TCGGTGAGTGGCTCAG 20
RESULT 2636
PCT-US94-02891-56
Sequence 56, Application PC/TUS9402891
GENERAL INFORMATION:
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
APPLICANT: SERVICES
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MORGAN & FINNEGAN

STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02891
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
FILING DATE: 12-MAR-1993
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FELLER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE: OLIGONUCLEOTIDE
DESCRIPTION: NO
HYPOTHETICAL: YES
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-56

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTTGT 299
DB 2 CACTCTGTCTGTCTGT 19

RESULT 2637
PCT-US94-07770-8
Sequence 8, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
Kinase C
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US94-07770-8

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3209 TCCGTGACGTGGCTCGAG 3226
DB 3 TCGTGTCACTGTGCTGAG 20

RESULT 2638
PCT-US95-05602-74
Sequence 74, Application PC/TUS9505602
GENERAL INFORMATION:
APPLICANT: Leckie, G.W.
APPLICANT: Davis A.H.
APPLICANT: Sample-Facey, I.E.
APPLICANT: Manlove, M.T.
APPLICANT: Solomon, N.A.
TITLE OF INVENTION: Materials and Methods for the Detection of
TITLE OF INVENTION: Mycobacteria tuberculosis
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05602
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5370.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/938-4884
TELEFAX: 708/938-2623
TELEX:

```

; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: Synthetic DNA
PCT-US95-05602-74

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      4190 GCTTGTGTTTCAGAA 4207
Db      1 GCTGTGAGTTTTCAGAA 18

RESULT 2639
PCT-US95-05816-74
; Sequence 74: Application PC/TUS9505816
; GENERAL INFORMATION:
;   APPLICANT: Solomon, N.
;   APPLICANT: Leckie, G.
;   APPLICANT: Kratochvil, J.
;   APPLICANT: O'Donnell, D.
;   TITLE OF INVENTION: Materials and Methods for the Detection of
;   NUMBER OF SEQUENCES: 75
;   CORRESPONDENCE ADDRESS:
;   ADDRESS: Abbott Laboratories
;   STREET: One Abbott Park Road
;   CITY: Abbott Park
;   STATE: Illinois
;   COUNTRY: USA
;   ZIP: 60064-3500
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Wordperfect
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: PCT/US95/05816
;   FILING DATE:
;   CLASSIFICATION:
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Thomas D. Brainard
;   REGISTRATION NUMBER: 32,459
;   REFERENCE/DOCKET NUMBER: 5371.PC.01
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 708/937-4884
;   TELEFAX: 708/938-2623
;   TELEX:
;   INFORMATION FOR SEQ ID NO: 74:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: Synthetic DNA
PCT-US95-05816-74

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      4190 GCTTGTGTTTCAGAA 4207
Db      1 GCTGTGAGTTTTCAGAA 18

RESULT 2640
PCT-US95-07201-18/c
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; Sequence 18: Application PC/TUS9507201
; GENERAL INFORMATION:
;   APPLICANT: Chader, Gerald J.; Becerra, Sofia
;   APPLICANT: Patricia, Schwartz, Joan P.;
;   APPLICANT: Taniwaki, Takayuki
;   TITLE OF INVENTION: PIGMENT EPITHELIAL
;   TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
;   TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
;   NUMBER OF SEQUENCES: 43
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Morgan & Finnegan, L.L.P.
;   STREET: 345 Park Avenue
;   CITY: New York
;   STATE: New York
;   COUNTRY: USA
;   ZIP: 10154
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy Disk
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: WORDPERFECT 5.1
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: PCT/US95/07201
;   FILING DATE: 06-JUN-1995
;   CLASSIFICATION:
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 08/367,841
;   FILING DATE: 30-DEC-1994
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 08/257,963
;   FILING DATE: 07-JUN-1994
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 07/952,796
;   FILING DATE: 24-SEP-1992
;   ATTORNEY/AGENT INFORMATION:
;   NAME: DOROTHY R. AUTH
;   REGISTRATION NUMBER: 36434
;   REFERENCE/DOCKET NUMBER: 20264126PCT
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212) 758-4800
;   TELEFAX: (212) 751-6849
;   INFORMATION FOR SEQ ID NO: 18:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 Base Pairs
;     TYPE: Nucleic Acid
;     STRANDEDNESS: Unknown
;     TOPOLOGY: Unknown
;     MOLECULE TYPE: Oligonucleotide
;     FEATURE:
;       NAME/KEY: 2744
;     LOCATION:
;     IDENTIFICATION METHOD:
;     OTHER INFORMATION: primer in a polymerase
;     OTHER INFORMATION: chain reaction
PCT-US95-07201-18

Query Match      0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2829 GGGAGCTGTGTGAG 2846
Db      19 GGGGCGCTGTGTGAGAG 2

RESULT 2641
PCT-US96-10984-38
; Sequence 38: Application PC/TUS9610984
; GENERAL INFORMATION:
;   APPLICANT: Kevin Anderson and Lex Cowsett
;   TITLE OF INVENTION: Antisense inhibition of Hepatitis B
;   TITLE OF INVENTION: Virus Replication
;   NUMBER OF SEQUENCES: 40
```

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Jane Massey Licata, Esq.
;; STREET: 210 Lake Drive East, Suite 201
;; CITY: Cherry Hill
;; STATE: NJ
;; COUNTRY: USA
;; ZIP: 08002
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
;; MEDIUM TYPE: STORAGE
;; COMPUTER: IBM 486
;; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;; SOFTWARE: WORDPERFECT 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US96/10984
;; FILING DATE: herewith
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA: none
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0128
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (609) 779-2400
;; TELEFAX: (609) 779-8488
;; INFORMATION FOR SEQ ID NO: 38:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 nucleotides
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
;; PCT-US96-10984-38

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2927 CAGCTCCTGACAGCGA 2944
DB 3 CACGTACACTGACAGCGA 20

RESULT 2642
US-08-477-928A-27/C
; Sequence 27, Application US/08477928A
; Patent No. 6207389
; GENERAL INFORMATION:
; APPLICANT: Dosch, Hans M.
; TITLE OF INVENTION: METHODS FOR CONTROLLING T
; TITLE OF INVENTION: LYMPHOCYTE MEDIATED IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BAKER & BOTTS
; STREET: 1299 Pennsylvania Avenue
; CITY: Washington D.C.
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 20004-2400
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,928A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Remenick, James
; REGISTRATION NUMBER: 36902
; REFERENCE/DOCKET NUMBER: 19060-0105

;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 639 7700
;; TELEFAX: (202) 639 7890
;; INFORMATION FOR SEQ ID NO: 27:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-477-928A-27

Query Match 0.3%; Score 13.2; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5006 CAGCCTGCTGCACGCGA 5023
DB 20 CTGCTGCGACCGACGCA 3

RESULT 2643
US-08-086-915-8
; Sequence 8, Application US/08086915
; Patent No. 5444167
; GENERAL INFORMATION:
; APPLICANT: Peterson, Kim SI
; TITLE OF INVENTION: Variant Lutetizing Hormone Encoding DNA
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Adduci, Mastriani, Schumberg & Schill
; STREET: 1140 Connecticut Avenue, N.W., Suite 250
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/086,915
; FILING DATE: 07-JUL-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubovcik, Ronald J.
; REGISTRATION NUMBER: 15873005
; REFERENCE/DOCKET NUMBER: 25,401
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-466-2006
; TELEFAX: 202-467-6300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;; US-08-086-915-8

Query Match 0.3%; Score 13.2; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2482 AGCAGAAAGCAGCAGCGA 2499
DB 4 AGCTGAGCGCACAGCGA 21

RESULT 2644
US-09-657-472-113/C
; Sequence 113, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:


```
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George O.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT FILING DATE: 2000-09-07
; CURRENT APPLICATION NUMBER: US/09/657,472
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-113

Query Match
0.3%; Score 13.2; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 1.7e+03;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2081 GGGGGTGTCTTCATGTTC 2100
DB 20 GTGGCTGATTTCATGTCCA 1

RESULT 2645
US-09-523-263B-32
; Sequence 32, Application US/09523263B
; Patent No. 6638750
; GENERAL INFORMATION:
; APPLICANT: Aurora et al.
; TITLE OF INVENTION: Methionine aminopeptidase type 3
; FILE REFERENCE: S03181-00-US
; CURRENT APPLICATION NUMBER: US/09/523,263B
; CURRENT FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/125,139
; PRIOR FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens MAP3 REV1.2 primer
US-09-523-263B-32

Query Match
0.3%; Score 13.2; DB 1; Length 22;
Best Local Similarity 83.3%; Pred. No. 1.8e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1150 CACTGCTCTGCAGAGAC 1167
DB 4 CCTGCTCTGCAGAGCTGC 21

RESULT 2646
US-09-268-505B-1/c
; Sequence 1, Application US/09268505B
; Patent No. 6316192
; GENERAL INFORMATION:
; APPLICANT: Luo, Jiahua
; TITLE OF INVENTION: Method for Enrichment of Unique DNA Fragments
; TITLE OF INVENTION: Through Cyclical Removal of PCR Adapter Attached to DNA
; FILE REFERENCE: 3-11-99
; CURRENT APPLICATION NUMBER: US/09/268,505B
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; CURRENT FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: none
; PRIOR FILING DATE: N/A
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Microsoft word
; SEQ ID NO 1
; LENGTH: 24
; TYPE: DNA
; ORGANISM: synthetic
; FEATURE:
; NAME/KEY: Hindia
; LOCATION:
US-09-268-505B-1

Query Match
0.3%; Score 13.2; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 GCCAGAGAGAGAGGCT 207
DB 18 GCCAGGCTGAGAGTCT 1

RESULT 2647
US-09-359-756-11/c
; Sequence 11, Application US/09359756
; Patent No. 6168950
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Garde
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION
; FILE REFERENCE: RTS-0077
; CURRENT APPLICATION NUMBER: US/09/359,756
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-756-11

Query Match
0.2%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 AGCTGACACAGCT 757
DB 19 AGCTGACACAGCT 7
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Search completed: October 28, 2004, 10:36:06
Job time : 164 secs

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